JAMES B. SWAIN

LIBRARY OF CONGRESS.

CHAP. TC 225

SHELF N7 A2
1867a copy 2

UNITED STATES OF AMERICA.
9—167

Hon. Wm Kelley,

With respects of

James B. Swain.

April 30. 1868

THE WHARVES, PIERS AND SLIPS,

Belonging to the Corporation

OF THE CITY OF NEW YORK

1868.

NORTH RIVER.

THE NEW YORK PRINTING COMPANY

13481

TC 225
.N7A3
1867a
Cop 2

THE COMMISSIONERS OF THE SINKING FUND

OF THE

CITY OF NEW YORK

1867.

JOHN T. HOFFMAN, *Mayor.*

JOHN K. HACKETT, *Recorder.*

RICHARD B. CONNOLLY, *Comptroller.*

PETER B. SWEENY, *Chamberlain.*

CHARLES E. LOEW, *Chairman of the Finance Committee of the Board of Aldermen.*

JOHN STACOM, *Chairman of the Finance Committee of the Board of Councilmen.*

THE NEW YORK PRINTING COMPANY

ESTIMATES—NORTH RIVER.

PIER OR BULKHEAD.	Present value.	Cost of repairs and rebuilding.	Value when repaired and rebuilt.	Cost of extending.	Value when extended.
North half of Pier 12	$40,000	$7,500	$75,000	. . . .	$75,000
Bulkhead between Piers 12 and 13	118,000	. . . .	118,000	. . . .	118,000
Pier 13	120,000	30,000	300,000	20,000	350,000
Bulkhead between Piers 13 and 14	118,500	. . . .	118,500	. . . .	118,500
South half of Pier 14	125,000	. . . .	125,000	. . . .	125,000
South half of Pier 18	75,000	12,500	150,000	9,000	175,000
Carried forward	$596,500	$50,000	$886,500	$29,000	$961,500

PIER OR BULKHEAD.	Present value.	Cost of repairs and rebuilding.	Value when repaired and rebuilt.	Cost of extending.	Value when extended.
Brought forward	$596,500	$50,000	$886,500	$29,000	$961,500
Bulkhead foot of Courtlandt street	69,000	. . . .	69,000	. . . .	69,000
Pier 20	250,000	. . . .	250,000	. . . .	250,000
Pier 21	246,400	. . . .	246,400	. . . .	246,400
Pier 22	29,000	6,000	61,250	. . . .	61,250
Bulkheads foot of Dey street, at Pier 20, south side, and between Piers 20 and 21, and 21 and 22	343,500	7,600	393,250	. . . .	393,250
Pier 29	100,000	25,000	300,000	. . . .	300,000
Pier 30	300,000	. . . .	300,000	. . . .	300,000
Bulkhead between Piers 30 and 31	216,000	300	216,000	. . . .	216,000
Pier 31	350,000	35,000	450,000	. . . .	450,000
Bulkhead between Piers 31 and 32	147,750	. . . .	147,750	. . . .	147,759
Carried forward	$2,648,150	$123,900	$3,320,150	$29,000	$3,395,150

PIER OR BULKHEAD.	Present value.	Cost of repairs and rebuilding.	Value when repaired and rebuilt.	Cost of extending.	Value when extended.
Brought forward	$2,648,150	$123,900	$3,320,150	$29,000	$3,395,150
Pier 32	60,000	8,000	75,000	. . . .	75,000
Bulkhead between Piers 32 and 33	171,000	. . . .	171,000	. . . .	171,000
South half of Pier 33	150,000	. . . .	150,000	. . . .	150,000
Pier 34	50,000	25,000	125,000	5,000	150,000
Pier 35	100,000	30,000	300,000	. . . .	300,000
Pier 36	100,000	34,000	300,000	. . . .	300,000
Pier 37	300,000	. . . .	300,000	. . . .	300,000
Pier 38	351,000	10,000	375,000	40,000	450,000
Small Pier foot of Laight street	87,500	2,500	90,000	. . . .	90,000
Pier 39	100,000	30,000	300,000	. . . .	300,000
Pier 40	350,000	. . . .	350,000	. . . .	350,000
Pier between Hoboken and Canal streets	400,000	. . . .	400,000	. . . .	400,000
Bulkheads on north and south sides.	312,000	. . . .	312,000	. . . .	312,000
Carried forward	$5,179,650	$263,400	$6,568,150	$74,000	$6,743,150

PIER OR BULKHEAD.	Present value.	Cost of repairs and rebuilding.	Value when repaired and rebuilt.	Cost of extending.	Value when extended.
Brought forward	$5,179,650	$263,400	$6,568,150	$74,000	$6,743,150
Small Pier 42	45,000	7,500	60,000	. . . .	60,000
Bulkhead between Piers 42 and 43	295,500	. . . .	295,500	. . . .	295,500
Pier 43	300,000	. . . .	300,000	. . . .	300,000
Bulkhead north side of Pier 43 .	90,000	. . . .	90,000	. . . .	90,000
Pier 45	350,000	. . . .	350,000	. . . .	350,000
Bulkhead between Piers 45 and 46	75,000	. . . .	75,000	. . . .	75,000
Pier 46	300,000	. . . .	300,000	. . . .	300,000
Pier 47	300,000	. . . .	300,000	. . . .	300,000
Pier 48	60,000	16,000	76,000	31,800	250,000
Pier 49	60,000	30,000	250,000	. . . .	250,000
Pier 50	300,000	. . . .	300,000	. . . .	300,000
Bulkhead at Christopher street.	75,000	. . . .	75,000	. . . .	75,000
Pier 51, and Bulkhead between Piers 51 and 52.	90,000	12,700	105,000	10,000	115,700
Carried forward	$7,520,150	$329,600	$9,144,650	$115,800	$9,504,350

PIER OR BULKHEAD.	Present value.	Cost of repairs and rebuilding.	Value when repaired and rebuilt.	Cost of extending.	Value when extended.
Brought forward	$7,520,150	$329,600	$9,144,650	$115,800	$9,504,350
Pier 52, and Bulkhead between 52 and 53	142,000	200	142,000	. . . .	142,000
Pier 53	45,000	. . . .	45,000	30,000	100,000
Pier 54	50,000	. . . .	50,000	15,000	85,000
Half of Bulkhead between Piers 53 and 54	25,000	. . . .	25,000	. . . .	25,000
Bulkhead along and foot of Hammond street	50,000	2,300	50,000	. . . .	50,000
Bulkhead at Bank street . . .	15,000	. . . .	15,000	. . . .	15,000
Bulkhead at Bethune street .	15,000	. . . .	15,000	. . . .	15,000
Bulkhead at Troy street . . .	15,000	. . . .	15,000	. . . .	15,000
Bulkhead at Jane street . . .	15,000	. . . .	15,000	. . . .	15,000
Bulkhead at Horatio street . .	15,000	. . . .	15,000	. . . .	15,000
Small Piers 57, 58, and 59, and Bulkheads from Gansevoort street to Twelfth street . . .	185,000	13,280	200,000	. . . .	200,000
Carried forward	$8,092,150	$345,380	$9,731,650	$160,800	$10,181,350

PIER OR BULKHEAD.	Present value.	Cost of repairs and rebuilding.	Value when repaired and rebuilt.	Cost of extending.	Value when extended.
Brought forward	$8,092,150	$345,380	$9,731,650	$160,800	$10,181,350
North half of Pier 60	30,000	. . . .	30,000	. . . .	30,000
Bulkhead at Fourteenth street .	15,000	. . . .	15,000	. . . .	15,000
Bulkhead at Fifteenth street .	20,000	25	20,000	5,500	28,000
Bulkhead at Sixteenth street .	20,000	. . . .	20,000	7,000	30,000
Pier 61, at Seventeenth street .	60,000	. . . .	60,000	. . . .	60,000
Pier foot of Eighteenth street .	60,000	. . . .	60,000	. . . .	60,000
Bulkhead at Nineteenth street .	25,000	2,500	30,000	14,000	50,000
Pier at Twentieth street . . .	40,000	10,500	60,000	. . . .	60,000
Bulkhead at Twenty-first street	30,000	. . . .	30,000	20,000	50,000
Pier at Twenty-second street .	50,000	. . . .	50,000	. . . .	50,000
Bulkhead at Twenty-third street	30,000	. . . .	30,000	20,000	50,000
Pier at Twenty-eighth street .	30,000	9,500	40,000	25,000	80,000
Pier at Thirtieth street. . . .	30,000	33,850	80,000	. . . .	80,000
Pier at Thirty-fourth street . .	70,000	. . . .	70,000	. . . .	70,000
Pier at Thirty-seventh street .	30,000	14,000	50,000	9,000	60,000
Pier at Thirty-eighth street . .	70,000	. . . .	70,000	. . . .	70,000
Carried forward	$8,702,150	$415,755	$10,446,650	$261,300	$11,024,350

PIER OR BULKHEAD.	Present value.	Cost of repairs and rebuilding.	Value when repaired and rebuilt.	Cost of extending.	Value when extended.
Brought forward	$8,702,150	$415,755	$10,446,650	$261,300	$11,024,350
Pier at Fortieth street	30,000	15,000	50,000	4,000	60,000
Bulkhead at Forty-second street	50,000	. . . .	50,000	. . . .	50,000
Pier at Forty-seventh street . .	55,000	30,000	90,000	. . . .	90,000
Pier at Fifty-fifth street . . .	18,000	7,500	25,500	8,500	40,000
Pier at Fifty-ninth street . . .	60,000	25,000	85,000	. . . .	85,000
Pier at Seventy-ninth street . .	35,000	8,300	45,000	15,000	60,000
Pier at foot of One Hundred and Thirtieth street	25,000	. . . .	25,000	16,000	45,000
Bulkhead between One Hundred and Thirtieth and One Hundred and Thirty-first streets	14,700	. . . .	14,700	. . . .	14,700
Bulkhead on south side of One Hundred and Thirtieth street	5,000	. . . .	5,000	. . . .	5,000
Pier at foot of One Hundred and Thirty-first street . . .	45,000	100	45,000	. . . .	45,000
Carried forward	$9,039,850	$501,655	$10,881,850	$304,800	$11,519,050

PIER OR BULKHEAD.	Present value.	Cost of repairs and rebuilding.	Value when repaired and rebuilt.	Cost of extending.	Value when extended.
Brought forward	$9,039,850	$501,655	$10,881,850	$304,800	$11,519,050
Pier at foot of One Hundred and Thirty-eighth street . .	35,000	. . . .	35,000	. . . .	35,000
Pier at foot of One Hundred and Fifty-fifth street	10,000	730	10,000	10,000	30,000
Totals=North River . . .	$9,084,850	$502,385	$10,926,850	$314,800	$11,584,050
Add=East River	6,668,650	609,300	7,705,550	476,750	8,718,050
Grand Totals	$15,753,500	$1,111,685	$18,632,400	$791,550	$20,302,100

Plans and Explanations.

Pier 12, and Bulkhead foot of Albany Street,

North River.

Pier 12, of which the City owns the north half, is a block and bridge Pier, three hundred and forty-four feet long and forty feet wide, with eleven feet water at outer end, and eight to twelve feet at inner end. Is in bad condition, and must be rebuilt, at a cost to the City of about $7,500

Present value of north half of Pier, about 40,000

Value when rebuilt, about 75,000

Value of Bulkhead, about $118,000

PIER LINE

HUDSON RIVER

12

11 11

40

9

9

13

344

12

8

7

0 0

Platform on Piles

BULKHEAD LINE

Platform on Piles 0

BULKHEAD.

59 BULKHEAD.

W E S T S T

ALBANY S T

PLAN OF PIER
FOOT OF
ALBANY ST.
NORTH RIVER.

The red figures indicate depth of water in feet at low tide.

Scale 120 feet to the inch.

THE NEW YORK PRINTING COMPANY

Pier 13, and Bulkhead between Albany and Cedar Streets, North River.

Pier 13 is a block and bridge Pier, six hundred and four feet long, average width sixty feet, with fifteen to twenty-three feet water at outer end, and three to seven feet at inner end. Is in a very bad condition, and should be rebuilt, and widened at the outer end, according to dotted lines on the map, to a parallel width of fifty-two feet. Cost to rebuild and widen, about $30,000

Present value of Pier, about $120,000

Value when rebuilt and widened, about $300,000

The Bulkhead is in good condition; its value is about $118,500

To extend this Pier to Pier line, a distance of seventy-seven feet, giving twenty-eight feet water at outer end, would cost about $20,000

Value of Pier when rebuilt, widened, and extended, about $350,000

PIER LINE

52

13

77

15 36 23

HUDSON RIVER

171

9 52 13

433

604

8

7

52

14

10 74 12

BULKHEAD LINE 3 12 7

7 76

Platform on Piles : : : : 0 : Platform on Piles

0 : : : : : 0

BULKHEAD. 794 BULKHEAD.

W E S T S T

ALBANY ST CEDAR ST

N

W

E

S

PLAN OF PIER
BETWEEN
ALBANY & CEDAR STS
NORTH RIVER.

Scale 120 feet to the inch.

The red figures indicate depth of water in feet at low tide
The dotted lines show the proposed extension of a Pier.

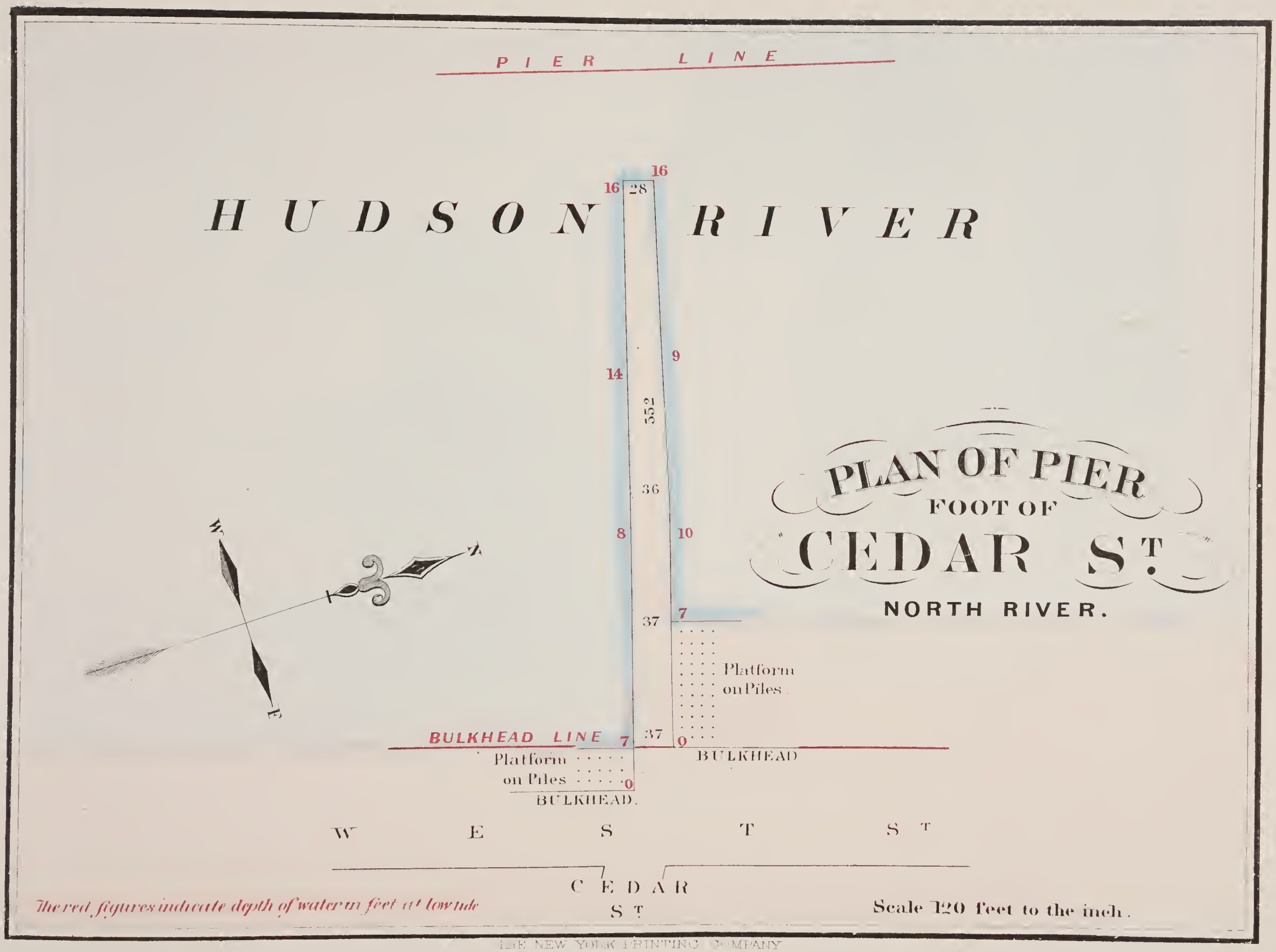
THE NEW YORK PRINTING COMPANY

Pier 14, foot of Cedar Street,

North River.

This is a block and bridge Pier, five hundred and fifty-two feet long, average width thirty-four and one-half feet, with sixteen feet water at outer end, and seven feet at inner end. Is in good condition. Its value is about $250,000

This Pier evidently belongs to the city, unless the parties claiming the north side have a special grant for the same.



PLAN OF PIER
FOOT OF
CEDAR ST.
NORTH RIVER.

THE NEW YORK PRINTING COMPANY

Pier 18, and Bulkhead foot of Courtlandt Street,

North River.

Pier 18 is a block and bridge Pier, six hundred and one and one-half feet long, average width fifty-seven feet, with fifteen to sixteen feet water at outer end, and seven feet at inner end. Is in very bad condition; must be rebuilt, at a cost of about $25,000

The present value of this Pier is about $150,000

Value when rebuilt, about $300,000

Twenty-three feet of Bulkhead in good condition. Value about $69,000

To extend this Pier to Pier line, a distance of ninety-four feet, giving twenty-five feet water at outer end, will cost about $18,000

Value of Pier when extended, about $350,000

This Pier evidently belongs to the city, unless the parties claiming the north side have a special grant for the same.

PIER LINE

18

94

15 40½ 16

HUDSON RIVER

43

10 15

16

Ferry to Jersey City

60½

10 10

9 69

Platform on Piles

60½

9

BULKHEAD

7

Platform on Piles

0 0 71 0

BULKHEAD 23

BULKHEAD.

W E S T S T

COURTLANDT

S T

PLAN OF PIER FOOT OF COURTLANDT ST.

NORTH RIVER.

The dotted lines show the proposed extension of a Pier.
The red figures indicate depth of water in feet at low tide

Scale 120 feet to the inch.

THE NEW YORK PRINTING COMPANY

Piers 20, 21, and 22, and Bulkheads between, at West Washington Market, North River.

Pier 22 and the Bulkheads between 20 and 21, and 21 and 22, are in a very bad condition.

Pier 20, block and bridge Pier, three hundred and thirty-nine feet long, fifty feet wide, with twenty-four to twenty-six feet water at outer end. In good order. Value, about $250,000

Pier 21, block and bridge Pier, three hundred and fifty-two feet long, forty feet wide, with twenty-three to thirty feet water at outer end. Is in good order. Value, about $246,400

Pier 22, block and bridge Pier, two hundred feet long, thirty-five feet wide, with nineteen to thirty-five feet water at outer end. To rebuild and raise, will cost about $12,000

Cost to the city, about $6,000

Present value of the city interest, about $29,000

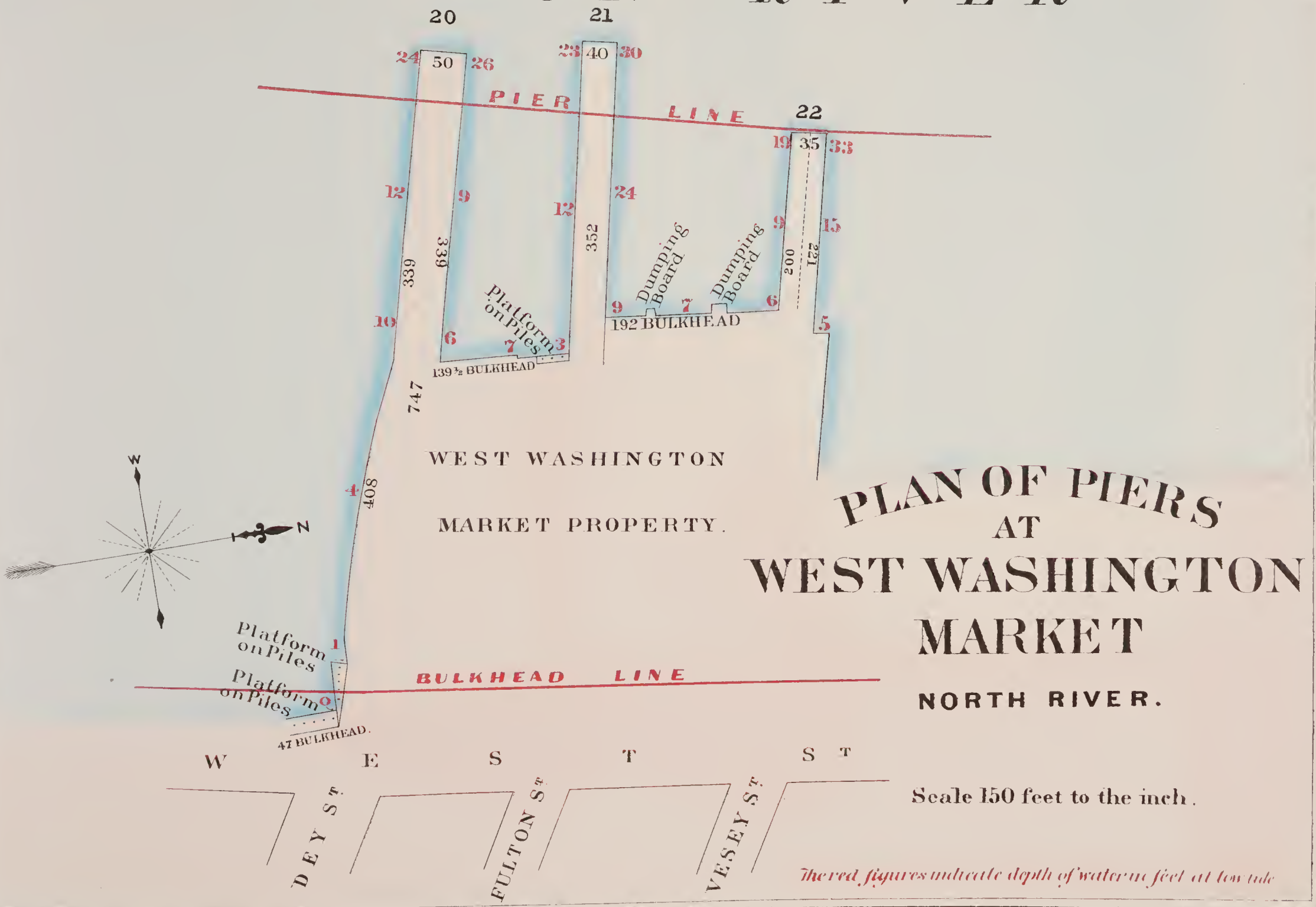
Value of city interest when rebuilt, about $61,250

To rebuild Bulkhead foot of Dey street, to rebuild and raise Bulkheads between Piers 20 and 21, and 21 and 22, three hundred and seventy-eight and one-half feet in all, will cost about $7,600

Present value, about $343,500

Value when rebuilt, about $393,250

HUDSON RIVER



PLAN OF PIERS AT WEST WASHINGTON MARKET

NORTH RIVER.

Scale 150 feet to the inch.

The red figures indicate depth of water in feet at low tide

THE NEW YORK PRINTING COMPANY

Pier 29, foot of Warren Street,

North River.

This is a block and bridge Pier, six hundred and nine and one-half feet long and forty-one feet wide, with seventeen to nineteen feet water at outer end, and one to four feet at inner end. Is in bad condition; must be rebuilt, at a cost of about $25,000

Present value, about $100,000

Value when rebuilt, about $300,000

PIER LINE

HUDSON RIVER

17 19

41

609 ½

8 7

14

23

122

8

24

4

26

127

88

BULKHEAD LINE

50 63

4 Platform on Piles

1

BULKHEAD. BULKHEAD

W E S T S T

WARREN ST.

N

E

PLAN OF PIER
FOOT OF
WARREN ST.
NORTH RIVER.

The red figures indicate depth of water in feet at low tide.

Scale 120 feet to the inch.

THE NEW YORK PRINTING COMPANY

Pier 30, and Bulkhead between Piers 30 and 31, foot of Chambers and Reade Streets, North River.

Pier 30 is a block and bridge Pier, five hundred and ninety-six feet long, average width thirty-eight feet, with eighteen to twenty feet water at outer end, and three feet at inner end. Is in quite good condition.

Value, about	$300,000
Bulkhead should be repaired, at a cost of about	$300
Value of Bulkhead, about	$216,000

30

PIER LINE

HUDSON RIVER

18 20 29

34 12

12 40½

Chambers St. Ferry to Pavonia N. Jersey.

10

Platform on Piles

9

7

596

1

3 3

42

0 9

BULKHEAD LINE

BULKHEAD. BULKHEAD. 144.

31

PLAN OF PIER FOOT OF CHAMBERS ST

NORTH RIVER.

W E S T S T

CHAMBERS ST.

READE ST.

The red figures indicate depth of water in feet at low tide

Scale 120 feet to the inch.

THE NEW YORK PRINTING COMPANY

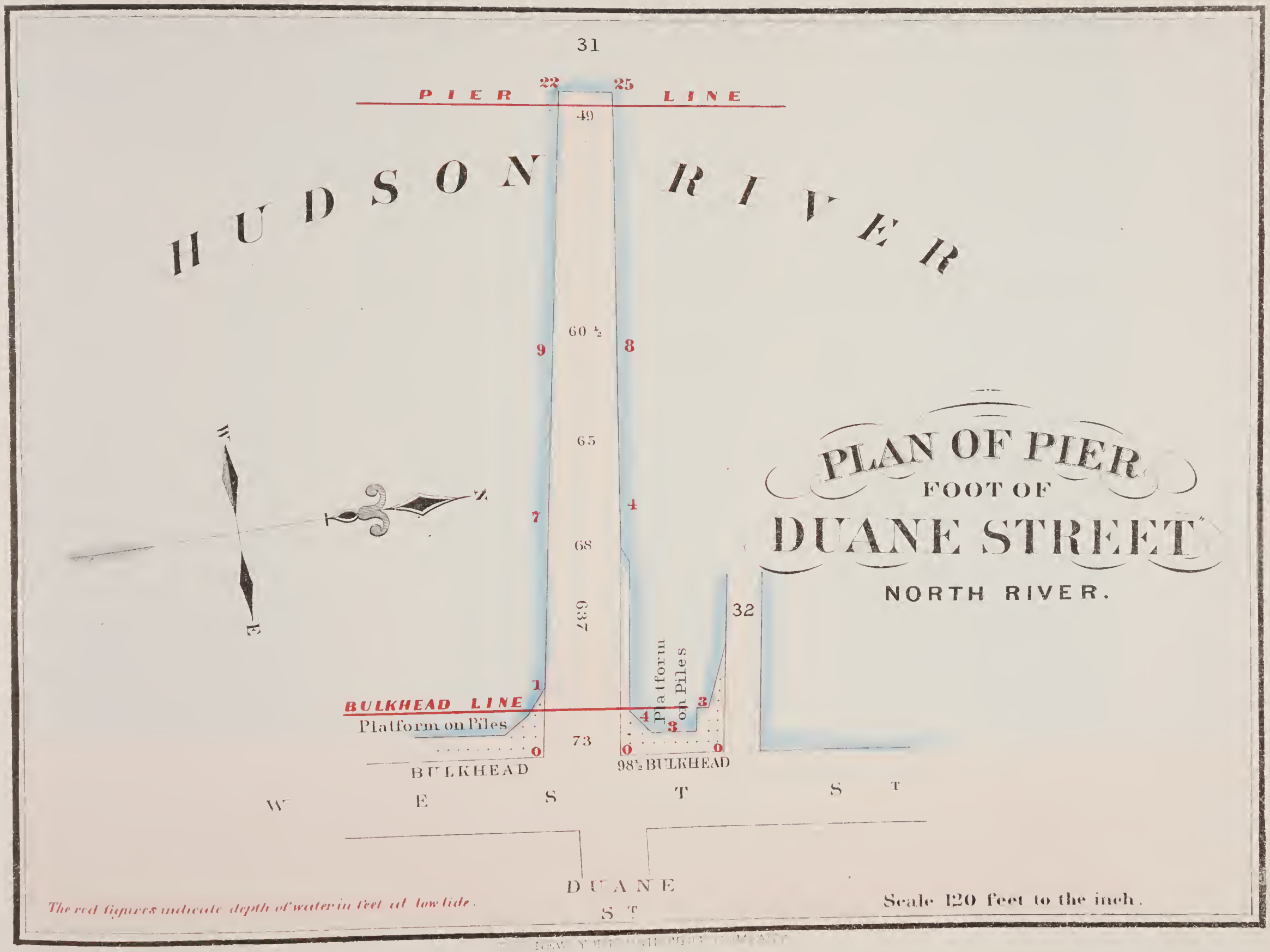
Pier 31, and Bulkhead between Piers 31 and 32, foot of Duane Street, North River.

Pier 31 is a block and bridge Pier, six hundred and thirty-seven feet long, average width sixty-three feet, with twenty-two to twenty-five feet water at outer end, and one to four feet at inner end. Is in bad condition, and must be rebuilt, at a cost of about $35,000

Present value, about $350,000

Value when in thorough repair, about $450,000

Value of Bulkhead on west side, ninety-eight and one-half feet, about $147,750


PIER LINE
22
25
49
HUDSON RIVER
60 ½
9
8
65
7
4
68
637
32
1
BULKHEAD LINE
Platform on Piles
Platform on Piles
3
4
3
73
0
0
0
BULKHEAD
98½ BULKHEAD
W E S T S T
DUANE ST
N
E
PLAN OF PIER
FOOT OF
DUANE STREET
NORTH RIVER.
The red figures indicate depth of water in feet at low tide.
Scale 120 feet to the inch.

Pier 32, and Bulkhead between Piers 32 and 33, foot of Jay Street, North River.

Pier 32 is a pile Pier, two hundred and seventy-three and one-half feet long, average width thirty-six feet, with five feet water at outer end, and bare at inner end. Is in bad condition; must be rebuilt, at a cost of about $8,000

Present value of Pier, about $60,000

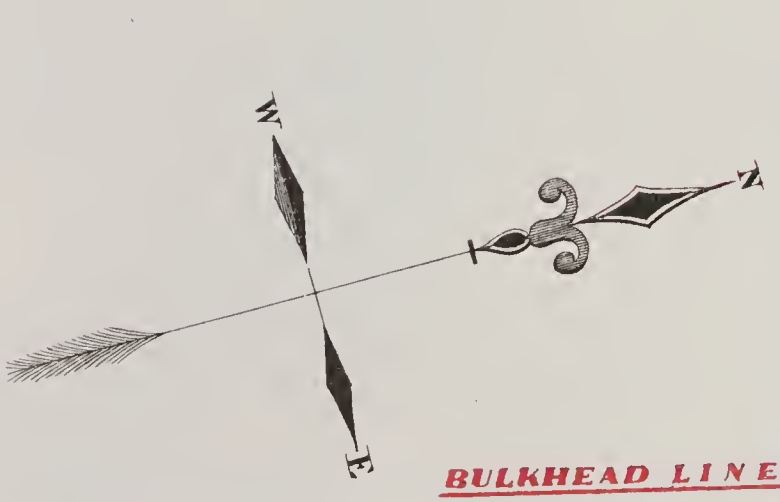
Value when rebuilt, about $75,000

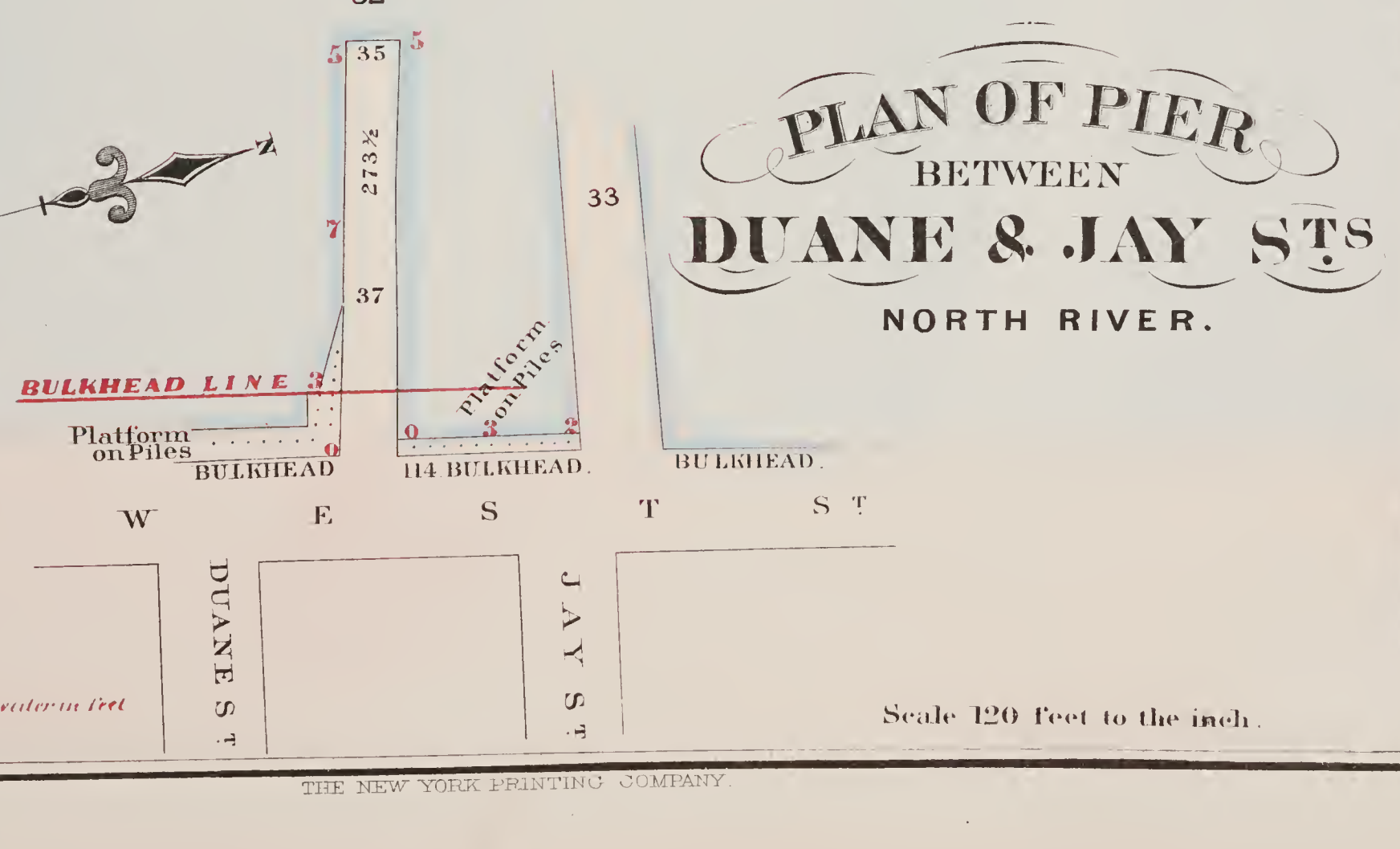
Value of Bulkhead is about $171,000

PIER LINE

HUDSON RIVER

32





PLAN OF PIER
BETWEEN
DUANE & JAY STS
NORTH RIVER.

The red figures indicate depth of water in feet at low tide

Scale 120 feet to the inch.

THE NEW YORK PRINTING COMPANY.

Pier 33, foot of Jay Street,

North River.

This Pier, of which the southern half belongs to the city, is a block and bridge Pier, six hundred and thirty feet long, average width fifty-two feet, with sixteen to twenty-one feet water at outer end, and bare at inner end. Is in good condition.

Value of south side of Pier, about $150,000

HUDSON RIVER

16 21 PIER LINE

30

630

10 9

52

50 3 5

66 18

51

68 4

54 2

9

192

BULKHEAD LINE

Platform on Piles 2 · 54 0 Platform on Piles.

BULKHEAD. BULKHEAD.

W E S T S T

JAY ST

PLAN OF PIER FOOT OF JAY STREET

NORTH RIVER.

The red figures indicate depth of water in feet at low tide.

Scale 120 Feet to the inch.

THE NEW YORK LITHOTINT COMPANY

Pier 34, foot of Harrison Street,

North River.

This is a block and bridge Pier, five hundred and thirty-two feet long, and from thirty-five to thirty-seven feet wide at outer end, with ten to eleven feet water at outer end, and bare at inner end. It is in a bad condition, and must be rebuilt, and should be widened to forty-seven feet, at a cost of about $30,000

The L should be taken up, to give twenty feet water, at a cost of about $10,000

The present value of the Pier is about $100,000

The value when rebuilt, widened, and L removed, about $250,000

This Pier evidently belongs to the city, although the south side is claimed by private parties. This Pier can be extended to the Pier line, a distance of seventy-four feet, giving twenty feet water at outer end, at a cost of about $10,000

The value when extended, about $300,000

PIER LINE

HUDSON RIVER

47
74
10 11
37
35
4
4 45 5
41
53
9
47 4
21
532
BULKHEAD LINE
0 Platform on Piles.
47½
0
BULKHEAD.
BULKHEAD.

W E S T S T

HARRISON S.T.

N

E

PLAN OF PIER
FOOT OF
HARRISON ST.
NORTH RIVER.

The red figures indicate depth of water in feet at low tide.

The dotted lines show the proposed extension of a Pier.

Scale 120 feet to the inch.

THE NEW YORK PRINTING COMPANY

Pier 35, foot of Franklin Street,

North River.

This is a block and bridge Pier, five hundred and seventy-six feet long, average width thirty-five feet, with sixteen to twenty-four feet water at outer end, and two feet at inner end. Is in bad condition, and must be rebuilt, and should be widened so as to make it forty feet.

Cost of rebuilding and widening, about	$30,000
The present value of the Pier is about	$100,000
The value when rebuilt and widened, about	$300,000

PIER LINE

HUDSON RIVER

24
16 36 18
34
10 12
376
6 10
23½
95½
35

BULKHEAD LINE

Platform on Piles 2 0 4 0 Platform on Piles.

BULKHEAD. BULKHEAD

W E S T S T

FRANKLIN S t

PLAN OF PIER
FOOT OF
FRANKLIN S T.
NORTH RIVER.

SCALE 120 FEET TO THE INCH.

The red figures indicate depth of water in feet at low tide.

THE NEW YORK PRINTING COMPANY

Pier 36, foot of North Moore Street,

North River.

This is a block and bridge Pier, five hundred and forty-five feet long, average width forty-seven feet, with nineteen feet water at outer end, and bare at inner end; is in good condition from the T to the outer end, a distance of two hundred and ninety-three feet.

Two hundred and fifty-two feet from the Bulkhead, including the T, is in bad condition.

The T should be taken up to give twenty feet water, at a cost of about $19,000

The Pier should be widened, so as to give it a parallel with outer end, and rebuilt, at a cost of about $15,000

Present value of Pier, about $100,000

Value when rebuilt, widened, and taken up, about $300,000

PIER LINE

HUDSON RIVER

19 36 19

393

14 14

345

12 10 55 8 14

32 55 68 59 64 31

9 2 35 5 14

221

35

220

BULKHEAD LINE

0 0

Platform on Piles

BULKHEAD. BULKHEAD.

W E S T S T

NORTH MOORE S T

PLAN OF PIER FOOT OF NORTH MOORE S T

NORTH RIVER.

The red figures indicate depth of water in feet at low tide

SCALE 120 FEET TO THE INCH.

THE NEW YORK PRINTING COMPANY

Pier 37, foot of Beach Street,

North River.

This is a block and bridge Pier, five hundred and ninety-five feet long, average width forty-one feet, with twenty-seven feet water at outer end, and bare at inner end. Is in fair condition.

Value, about $300,000

PIER LINE

HUDSON RIVER

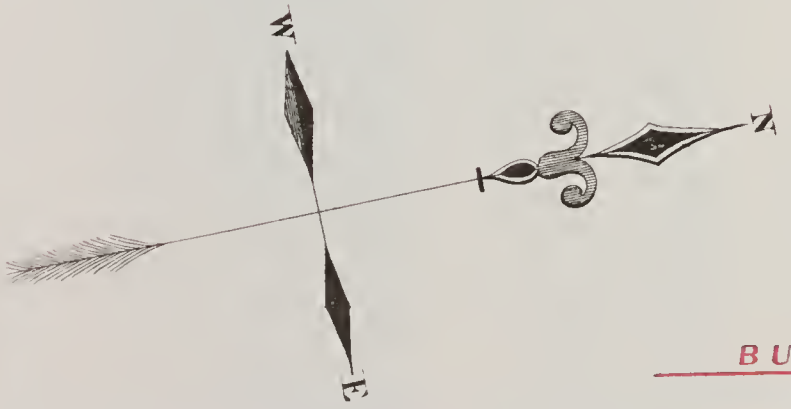
23 40 27

595

14 14

42

PLAN OF PIER
FOOT OF
BEACH STREET
NORTH RIVER.



BULKHEAD LINE

0 41 0

BULKHEAD BULKHEAD

W E S T S T

BEACH ST.

Scale 120 feet to the inch.

The red figures indicate depth of water in feet at low tide

THE NEW YORK PRINTING COMPANY

Pier 38, foot of Hubert Street,

North River.

This Pier, for a distance of one hundred and ninety-four feet from Bulkhead, requires to be rebuilt, and the outer end repaired. The cost of rebuilding and repairing will be about $10,000

The outer end of the Pier is solid.

Present value of this Pier is about $351,000

There should be two Piers extended from this Pier to the Pier line, giving twenty-three feet water at outer ends, as shown by dotted lines on map, at a cost of about $40,000

Value when extended, about $450,000

PIER LINE

45

40

346

214

224

228

HUDSON RIVER

12

8

234

9

121

SOLID

158

6

209

49

0

4

5

Platform on Piles

6

194

BULKHEAD LINE

47½

0

30

0

BULKHEAD.

BULKHEAD.

W E S T S T

HUBERT S T.

PLAN OF PIER FOOT OF HUBERT ST.

NORTH RIVER.

The red figures indicate depth of water in feet at low tide

The dotted lines show the proposed extension of a Pier.

Scale 120 feet to the inch.

THE NEW YORK PRINTING COMPANY

Pier foot of Laight Street,

North River.

This is a pile Pier, one hundred and five feet long and sixty-one feet wide, with seven feet water at outer end, and bare at inner end. It requires repairs to the amount of about $2,500

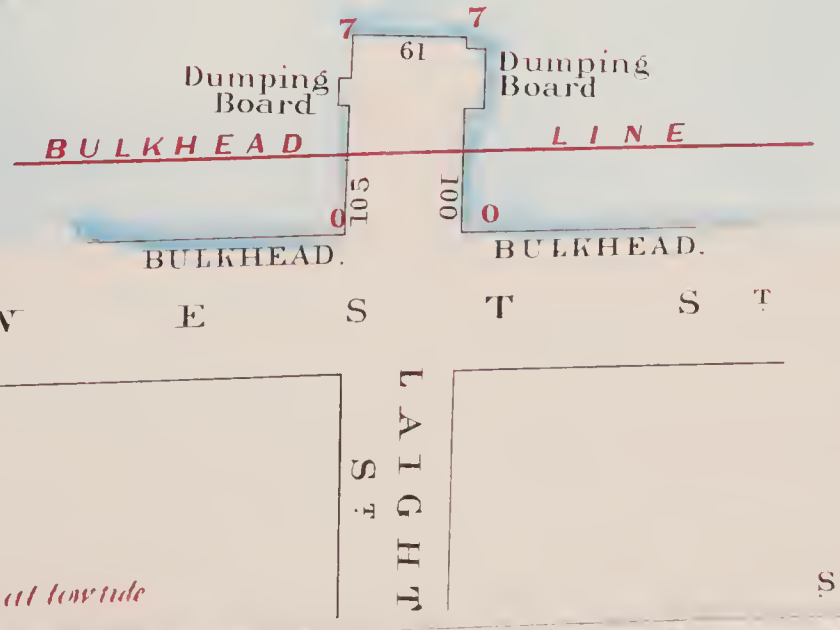
Present value, about $87,500

Value when in thorough repair, about $90,000

PIER LINE

HUDSON RIVER

PLAN OF PIER
FOOT OF
LAIGHT STREET
NORTH RIVER.



The red figures indicate depth of water in feet at low tide

SCALE 120 FEET TO THE INCH.

THE NEW YORK PRINTING COMPANY

Pier 39, foot of Vestry Street,

North River.

This is a bridge Pier, except the outer end, which is a block. It is five hundred and sixty feet long, average width fifty-nine and one-half feet, with twenty-three to twenty-seven feet water at outer end, and six feet at inner end on lower side, and bare on upper side.

It is in bad condition; requires to be raised two feet to grade of street, and rebuilt, at a cost of about $30,000

Present value, about $100,000

Value when raised and rebuilt, about $300,000

PIER LINE

HUDSON RIVER

23 50 27

307

560

10 10 10

64

30 43

8

69

223

BULKHEAD LINE

6

0

Platform on Piles

BULKHEAD BULKHEAD

W E S T S T

VESTRY ST.

PLAN OF PIER FOOT OF VESTRY STREET NORTH RIVER.

The red figures indicate depth of water in feet at low tide

Scale 120 feet to the inch.

THE NEW YORK PRINTING COMPANY

Pier 40, foot of Watts Street,

North River.

This is a block and bridge Pier, five hundred and ninety feet long and sixty feet wide, with fifteen feet water at outer end, and six feet at inner end. Is in good order.

Present value, about $350,000

PLAN OF PIER FOOT OF WATTS STREET NORTH RIVER.

HUDSON RIVER

PIER LINE

15 60 15

360

11 11

169.10

316

602

78.6

28

116

121.5

129.8

31

6

27

199

60.1

85.2

Platform on Piles

BULKHEAD LINE

69.7

48

206.9

Old Bulkhead line

99.9

31

89

W E S T S T

WATTS ST.

The space enclosed by red dotted lines, shows property belonging to the City lately covered by old Pier.
The red figures indicate depth of water in feet at low tide

Scale 120 feet to the inch.

THE NEW YORK PRINTING COMPANY

Pier between Hoboken and Canal Streets, and Bulkheads adjoining, North River.

This is a block and bridge Pier, six hundred and three feet long and seventy-eight and one-half feet wide, with twenty-three feet at outer end, and ten feet at inner end. It is in good order. Value, about $400,000

Bulkhead of one hundred feet on the south side, is valued at about $150,000

Bulkhead of one hundred and eight feet on the north side, is valued at about $162,000

PIER LINE 41

23 78 23

HUDSON RIVER

569 603

17 17

PLAN OF PIER
BETWEEN
HOBOKEN & CANAL STS
NORTH RIVER.

Peoples line Pier

79 42

BULKHEAD LINE 16 10

100 BULKHEAD

Platform
10 on 19 Piles
0 0

108 BULKHEAD

W E S T S T

HOBOKEN ST

CANAL ST

The red figures indicate depth of water in feet at low tide.

SCALE 120 FEET TO THE INCH.

THE NEW YORK PRINTING COMPANY

Pier 42, foot of Canal Street, and Bulkhead between Piers 42 and 43, North River.

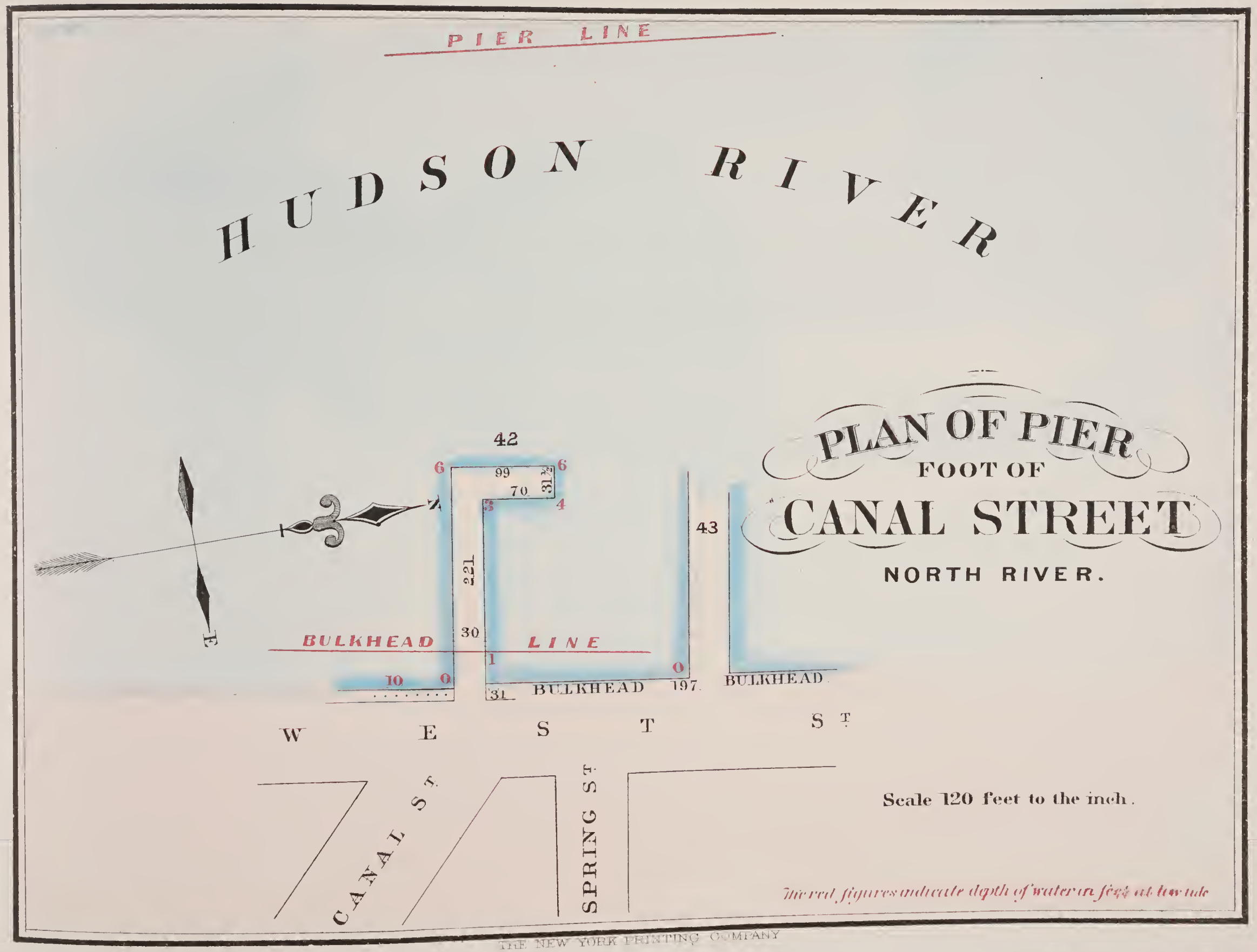
Pier 42 is a block and bridge Pier, two hundred and twenty-one feet long and thirty feet wide, with six feet water at outer end, and bare at inner end. Is in a very bad condition; requires to be rebuilt, at a cost of about $7,500

Present value of Pier, about $45,000

Value when rebuilt, about $60,000

One hundred and ninety-seven feet of Bulkhead in good order.

Present value of Bulkhead, about $295,500



THE NEW YORK PRINTING COMPANY

Pier 43, foot of Spring Street, and Bulkhead Adjoining, North River.

Block and bridge Pier, six hundred and five feet long, and forty and one-half feet wide, with fifteen to eighteen feet water at outer end, and bare at inner end.

Bulkhead one hundred and seventy-nine feet long.

Pier and Bulkhead in good order.

Value of Bulkhead, about	$90,000
Value of Pier, about	$300,000

PIER LINE

43

15 45 18

HUDSON RIVER

17 15

605

44

3 6

28 57

21 67

3 0 36 8

6 6

BULKHEAD LINE

Platform on Piles.

38

0 36

BULKHEAD.

BULKHEAD. 179.

W E S T S T

SPRING St.

W

N

The red figures indicate depth of water in feet at low tide.

PLAN OF PIER FOOT OF SPRING STREET

NORTH RIVER.

Scale 120 feet to the inch.

THE NEW YORK PRINTING COMPANY

Pier 45, foot of Charlton Street,

North River.

Pile Pier, except a block near the outer end, six hundred and twenty-five feet long, and sixty-nine and a half feet wide, with twenty and twenty-two feet water at outer end, and six feet at inner end.

This Pier is in good order.

Value, about $350,000

PIER LINE

22 70 20

HUDSON RIVER

17 625 24

W

E

N

PLAN OF PIER
FOOT OF
CHARLTON ST.
NORTH RIVER.

Platform on Piles 0

6 BULKHEAD LINE

69

BULKHEAD.

WEST STREET

CHARLTON ST.

The red figures indicate depth of water in feet at low tide.

Scale 120 feet to the inch.

THE NEW YORK PRINTING COMPANY

Bulkhead between Charlton and King Streets,

North River.

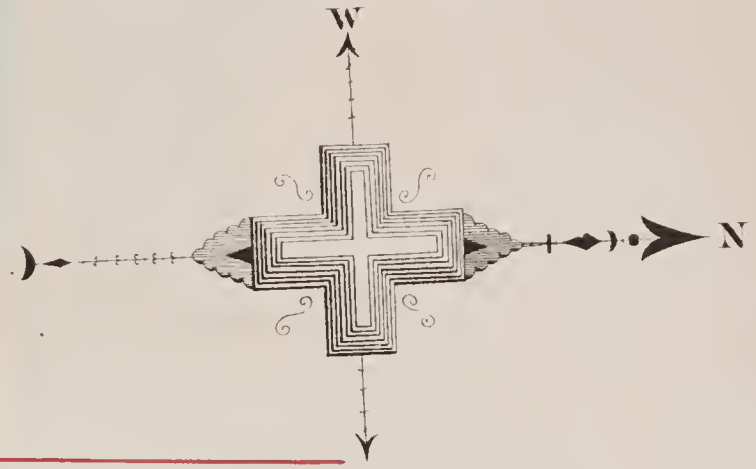
This Bulkhead is one hundred and eighty-eight feet long, in good condition.

Value, about $75,000

HUDSON RIVER

45

46



BULKHEAD LINE

6

6

BULKHEAD 188.

WEST ST.

CHARLTON ST.

KING ST.

SCALE 80 FEET TO THE INCH.

PLAN OF BULKHEAD BETWEEN CHARLTON & KING STS NORTH RIVER.

The red figures indicate depth of water in feet at low tide

THE NEW YORK PRINTING COMPANY

Pier 46, foot of King Street,

North River.

Pier six hundred and thirty-one feet long, and sixty feet wide, with twenty-two and twenty-four feet water at outer end, and six feet at inner end.

This Pier is in good order.

Value, about $300,000

PIER LINE

22 60 24

HUDSON RIVER

18 631 18

N.

E.

PLAN OF PIER
FOOT OF
KING STREET
NORTH RIVER.

Platform
6 on Piles.

BULKHEAD LINE

6

BULKHEAD.

BULKHEAD.

W E S T S T

KING
ST

The red figures indicate depth of water in feet at low tide

Scale 120 feet to the inch.

THE NEW YORK PRINTING COMPANY

Pier 47, foot of Houston Street,

North River.

Pile Pier, six hundred and twenty-seven feet long, and fifty-eight feet wide, with twenty-eight feet water at outer end, and six feet at inner end.

This Pier is in good condition.

Value, about $300,000

PIER LINE

28 58 28

HUDSON RIVER

19 627 22

W

N

PLAN OF PIER
FOOT OF
HOUSTON STREET
NORTH RIVER.

BULKHEAD LINE

Platform on Piles. 6 6 Platform on Piles.

BULKHEAD. BULKHEAD.

W E S T S T

HOUSTON ST.

The red figures indicate depth of water in feet at low tide.

Scale 120 feet to the inch.

THE NEW YORK PRINTING COMPANY.

Pier 48, foot of Clarkson Street,

North River.

This Pier is part block and bridge, and part a pile Pier, four hundred and fifty-seven feet long, and forty feet wide, with nine feet water at outer end, and bare at inner end. It requires

to be rebuilt and raised at a cost of about $16,000

Present value, about $60,000

Value when rebuilt and raised, about $76,000

The north and south wings should be taken up, at a cost of about $16,000

The Pier should be extended to the Pier line, a distance of one hundred and fifty-eight feet, which would give twenty-five feet of water, at a cost of about $15,800

Value when improvements are made, and Pier extended, about $250,000

PLAN OF PIER FOOT OF CLARKSON ST. NORTH RIVER.

PIER LINE

HUDSON RIVER

40

158

9 9

40

6 6

31½

71

5 6

70

33½

4 4

457

0

Platform on Piles.

BULKHEAD LINE

BULKHEAD.

BULKHEAD.

W E S T S T

CLARKSON St.

W

N

The dotted lines show the proposed extension of a Pier.

The red figures indicate depth of water in feet at low tide.

Scale 120 feet to the inch.

THE NEW YORK PRINTING COMPANY

Pier 49, foot of Leroy Street,

North River.

Pile Pier, six hundred and five feet long, and forty feet wide, with twenty-one feet water at outer end, and bare at inner end.

This Pier is in a very dilapidated condition; should be rebuilt and raised, at a cost of about $30,000

Present value, about $60,000

Value when rebuilt and raised, about $250,000

PIER LINE

21 40 21

HUDSON RIVER

7 605 12

W

N

PLAN OF PIER
FOOT OF
LEROY STREET
NORTH RIVER.

BULKHEAD LINE 0

3 Platform on Piles.

BULKHEAD.

BULKHEAD.

W E S T S T

LEROY St.

The red figures indicate depth of water in feet at low tide.

Scale 120 feet to the inch.

THE NEW YORK PRINTING COMPANY

Pier 50, foot of Morton Street,

North River.

Pile Pier, except a block near the centre of the Pier. Is six hundred feet long, and sixty feet wide, with twenty to twenty-two feet water at outer end, and three and seven feet at inner end.

This Pier is in excellent condition.

Value, about $300,000

PIER LINE

22 60 20

HUDSON RIVER

600

18 10

W

N

PLAN OF PIER
FOOT OF
MORTON STREET
NORTH RIVER.

BULKHEAD LINE

3

BULKHEAD.

Platform
on Piles. 7

BULKHEAD.

W E S T S T

MORTON St.

The red figures indicate depth of water in feet at low tide

Scale 120 feet to the inch.

THE NEW YORK PRINTING COMPANY.

Bulkhead foot of Christopher Street,

North River.

Bulkhead at Christopher Street, Hoboken Ferry. This Bulkhead is in quite good condition.

Value, about $75,000

PLAN OF BULKHEAD FOOT OF CHRISTOPHER ST. NORTH RIVER.

Scale 80 feet to the inch.

THE NEW YORK PRINTING COMPANY

Pier No. 51, foot of Christopher Street, and Bulkhead Adjoining, North River.

Pier No. 51 is part block and bridge, and part pile Pier, five hundred and eighty-one feet long, and forty feet wide, with eighteen feet water at outer end, and two feet at inner end.

Bulkhead between Pier No. 51 and Pier No. 52, two hundred and twelve feet, with no water.

The Pier should be rebuilt two hundred feet from line of Bulkhead, at a cost of about $7,000

Three hundred and eighty feet from outer end should be repaired and replanked, at a cost of about $5,700

Present value of Pier and Bulkhead, about $90,000

Value of Pier and Bulkhead, when Pier is rebuilt, about $105,000

The north wing, to get a depth of twenty feet of water, should be removed at a cost of $8,000 to $10,000

Value of Pier and Bulkhead when rebuilt and improved, about $115,700

HUDSON RIVER

PIER LINE

18 40 18

579

12 12

581

6 69 73 6

40 10

Dumping Board

4 6

BULKHEAD LINE

2 2 6

BULKHEAD. 153. BULKHEAD 212.

W E S T S T

CHRISTOPHER ST

PLAN OF PIER FOOT OF CHRISTOPHER ST. NORTH RIVER.

52

The red figures indicate depth of water in feet at low tide

Scale 120 feet to the inch.

THE NEW YORK PRINTING COMPANY

Pier 52, foot of Tenth Street, and Bulkhead Adjoining, North River.

Pier 52 is a pile Pier, five hundred and seventy-eight feet long, and forty feet wide, with twenty-one to twenty-five feet water at outer end, and bare at inner end.

The Bulkhead is two hundred and seven feet long, with no water.

Pier and Bulkhead in very good condition, with the exception of five foundation piles wanted for the Pier, at a cost of about $200

Value, about $142,000

PLAN OF PIER
FOOT OF
10 TH ST STREET
NORTH RIVER.

PIER LINE

21 30 77 25

16

40

HUDSON RIVER

580

7 7

576

53

51

BULKHEAD LINE

2 0 0 0

BULKHEAD. 212

BULKHEAD. 207

WEST ST

TENTH ST

The red figures indicate depth of water in feet at low tide.

Scale 120 feet to the inch.

THE NEW YORK PRINTING COMPANY.

Pier 53, foot of Charles Street,

North River.

A block and bridge Pier, two hundred and thirty-seven and one-half feet long, and forty feet wide, with six feet water at outer end, and bare at inner end; is in good order.

Value, about $45,000

This Pier, if extended three hundred and seven feet to Pier line, would give twenty feet of water. The T on the north and south sides should be taken up, at a cost of about $30,000

This would give a Pier of five hundred and forty-four and one-half feet in length, making a Pier the value of which would be from eighty thousand dollars to $100,000

PIER LINE

HUDSON RIVER

40

307

53

171.

6

42

6

42

63

68

5

5

52

40

223

3

3

252

BULKHEAD LINE

0

0

BULKHEAD 207.

BULKHEAD.

W E S T S T

CHARLES ST.

PLAN OF PIER
FOOT OF
CHARLES STREET
NORTH RIVER.

The dotted lines show the proposed extension of a Pier.

The red figures indicate depth of water in feet at low tide

Scale 120 feet to the inch.

THE NEW YORK PRINTING COMPANY

Pier 54, and Bulkhead foot of Perry Street,

North River.

This Pier is four hundred and ten feet long, and forty feet wide, with eight feet water at outer end, and bare at inner end. It has just been rebuilt at a cost of about $9,000

The work is poorly done.

Value about $50,000

Of Bulkhead between Piers 53 and 54, one-half, eighty-three feet, belongs to the city, which is worth about $25,000

The Pier, if extended one hundred and seventy-five feet to the Pier line, would give twenty feet water, at a cost of about $15,000

Value of Pier when extended, about $85,000

PIER LINE

HUDSON RIVER

40

175

54

8 40 8

W

N

4 4

410

53

Platform
4 on Piles 0
107
35

0

BULKHEAD 166

BULKHEAD.

W E S T S T

PERRY ST.

PLAN OF PIER
FOOT OF
"PERRY STREET"
NORTH RIVER.

The dotted lines show the proposed extension of a Pier.

The red figures indicate depth of water in feet at low tide.

Scale 120 feet to the inch.

THE NEW YORK PRINTING COMPANY

Bulkhead foot of Eleventh Street,

North River.

Bulkhead along Eleventh and foot of Eleventh street (late Hammond street), North River, has from eight to nine feet water at outer end, and no water at inner end.

It needs to be raised at a cost of about $2,300

Value, about $50,000

HUDSON RIVER

PIER LINE

8

BULKHEAD.

9

Dumping Board

THIRTEENTH AV.

509

7

11TH ST.

W

N

BULKHEAD LINE

BULKHEAD

0

BULKHEAD.

WEST ST.

11TH ST.

PLAN OF BULKHEAD FOOT OF 11TH STREET NORTH RIVER.

The red figures indicate depth of water in feet at low tide

Scale 120 feet to the inch.

THE NEW YORK PRINTING COMPANY

Bulkhead foot of Bank Street,

North River.

This Bulkhead has seven feet water at low tide; is in good order.

Value, about $15,000

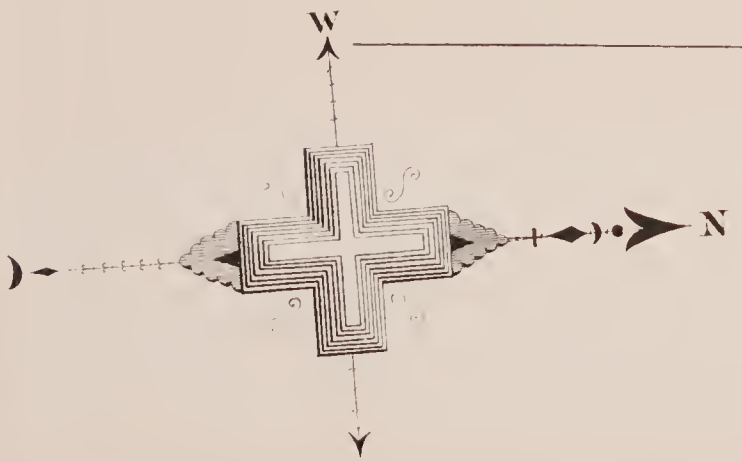
HUDSON RIVER

BULKHEAD AND PIER LINE

7 7

BULKHEAD.

THIRTEENTH AVENUE



BANK ST.

PLAN OF BULKHEAD FOOT OF BANK STREET NORTH RIVER.

The red figures indicate depth of water in feet at low tide

SCALE 60 FEET TO THE INCH.

NEW YORK LITHOGRAPH CO.

Bulkhead foot of Bethune Street,

North River.

This Bulkhead has seven feet water at low tide; is in good order.

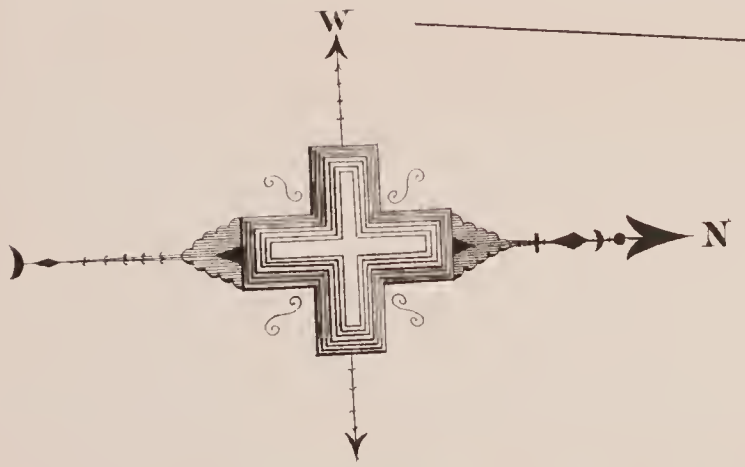
Value, about $15,000

HUDSON RIVER

BULKHEAD AND PIER LINE

7
BULKHEAD.

THIRTEENTH AVENUE



BETHUNE St.

PLAN OF BULKHEAD FOOT OF BETHUNE STREET NORTH RIVER.

The red figures indicate depth of water in feet at low tide

SCALE 60 FEET TO THE INCH.

THE NEW YORK PRINTING COMPANY.

Bulkhead foot of Troy Street,

North River.

This Bulkhead has six feet water at low tide, is in good order.

Value, about $15,000

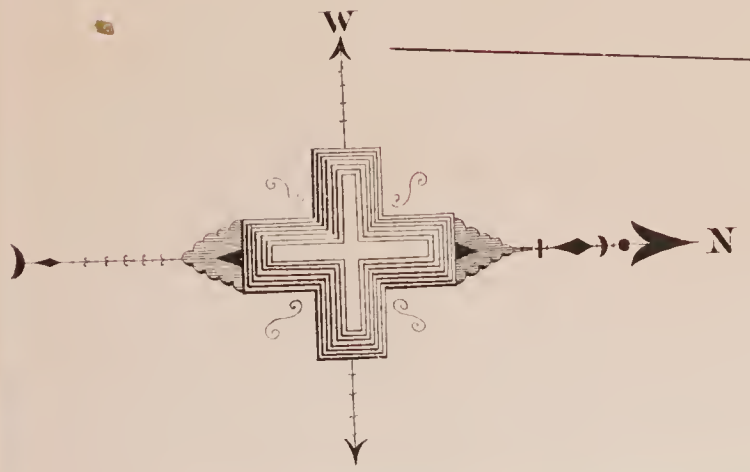
HUDSON RIVER

BULKHEAD AND PIER LINE

6

BULKHEAD.

THIRTEENTH AVENUE



TROY ST.

PLAN OF BULKHEAD FOOT OF TROY STREET NORTH RIVER.

The red figures indicate depth of water in feet at low tide

SCALE 60 FEET TO THE INCH.

THE NEW YORK PRINTING COMPANY

Bulkhead foot of Jane Street,

North River.

This Bulkhead has eight feet water at low tide; is in good order.

Value, about $15,000

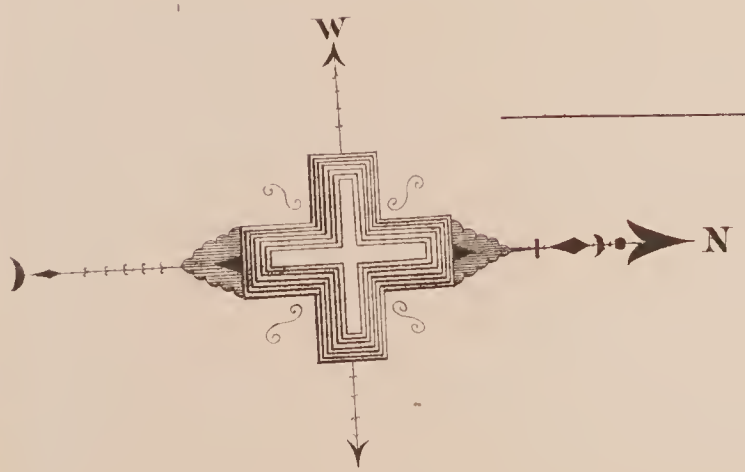
HUDSON RIVER

BULKHEAD AND PIER LINE

8

BULKHEAD.

THIRTEENTH AVENUE



JANE
St

PLAN OF BULKHEAD FOOT OF JANE STREET NORTH RIVER.

The red figures indicate depth of water in feet at low tide

SCALE 60 FEET TO THE INCH.

THE NEW YORK PRINTING COMPANY

Bulkhead foot of Horatio Street,

North River.

This Bulkhead has eight feet water at low tide; is in good order.

Value, about $15,000

HUDSON RIVER

BULKHEAD AND PIER LINE

8
BULKHEAD.

THIRTEENTH AVENUE

W.

N

HORATIO ST.

PLAN OF BULKHEAD
FOOT OF
HORATIO STREET
NORTH RIVER.

The red figures indicate depth of water in feet at low tide

SCALE 60 FEET TO THE INCH.

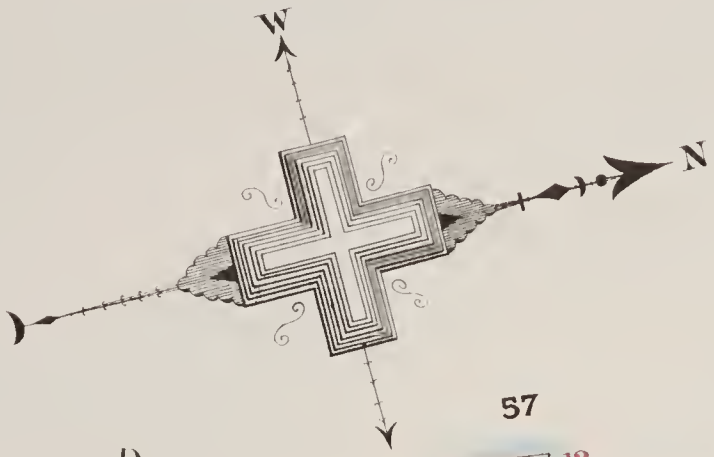
THE NEW YORK PRINTING COMPANY

Piers 57, 58, and 59, and Bulkheads between Gansevoort and Twelfth Streets, North River.

Piers 57, 58, and 59, together with Bulkheads from Gansevoort street to Twelfth street, North River, fronting Gansevoort Market property.

The Piers and Bulkheads want to be raised to the level of the street, say about five feet the whole distance; the cost of which would be about	$13,280
Present value, about	$185,000
Value when repaired, about	$200,000

HUDSON RIVER



57

58

59

Dumping Board

Dumping Board

BULKHEAD & PIER LINE

10 39 12

2 40 1

241½ 3

7 5

60

BULKHEAD

BULKHEAD.

251.

3

10 42 8

2 43½ 2

BULKHEAD. 226.

8 43 6

2 52 9

30 BULKHEAD

THIRTEENTH AVENUE

12TH ST.

GANSEVOORT ST.

GANSEVOORT

PLAN OF PIERS
BETWEEN
GANSEVOORT & 12TH STS.
NORTH RIVER.

The red figures indicate depth of water in feet at low tide

Scale 120 feet to the inch.

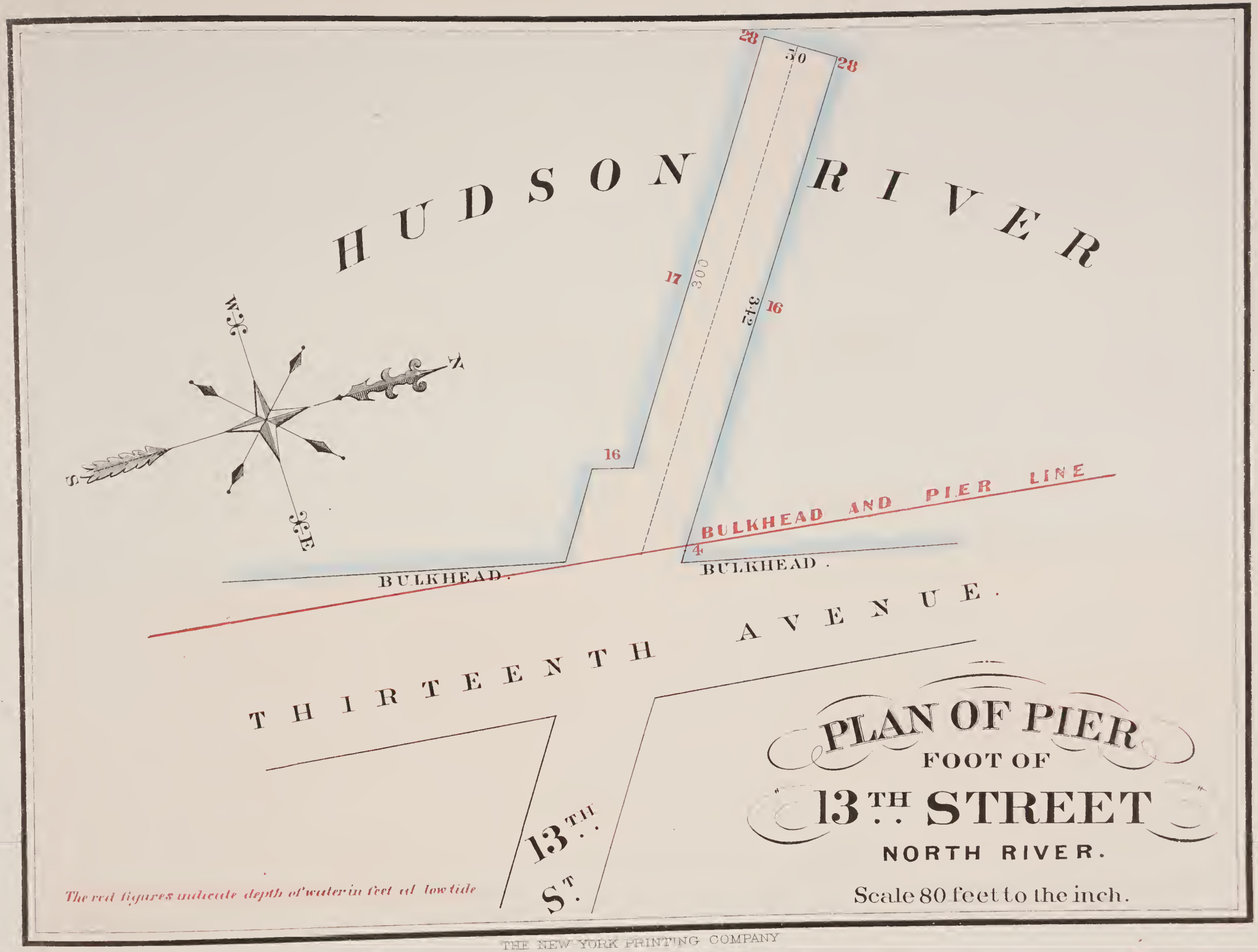
THE NEW YORK PRINTING COMPANY

Pier foot of Thirteenth Street,

North River.

The north half of Pier 60, North River, belongs to the city, is three hundred and forty-two feet long, and twenty-five feet wide, with twenty-eight feet water at outer end, and four feet at inner end; is in good order.

Value, about $30,000



THE NEW YORK PRINTING COMPANY

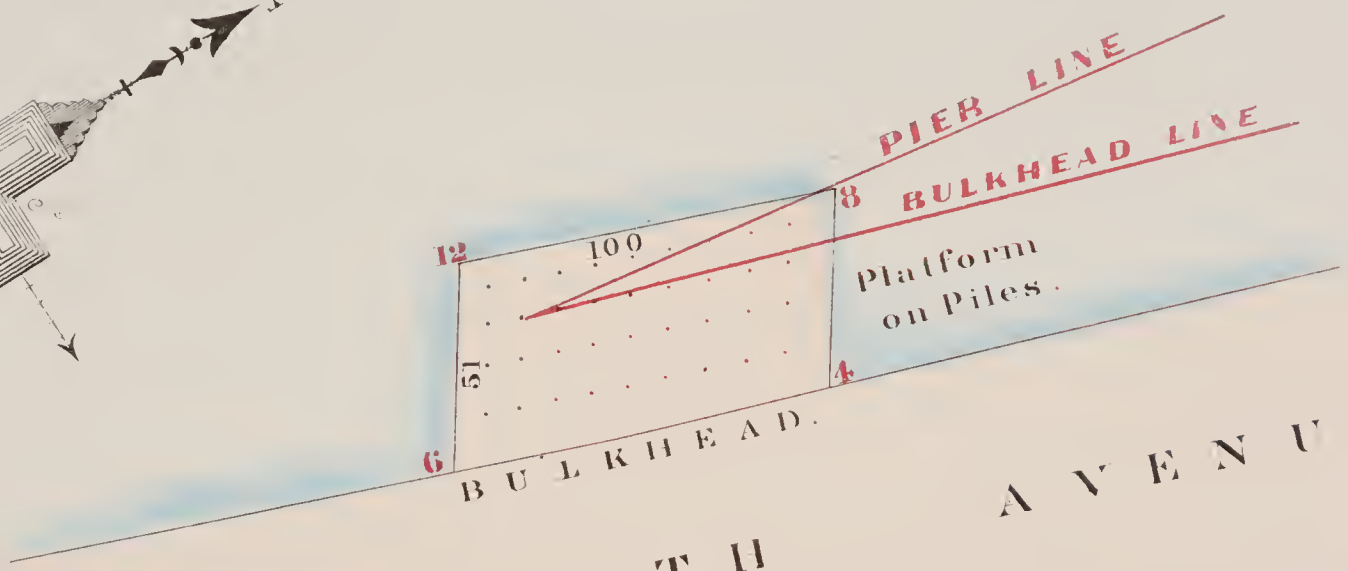
Bulkhead foot of Fourteenth Street,

North River.

This Bulkhead has five feet of water at low tide; is in good order.

Value, about $15,000

HUDSON RIVER



THIRTEENTH AVENUE

14TH ST.

PLAN OF BULKHEAD
FOOT OF
14TH STREET
NORTH RIVER.

The red figures indicate depth of water in feet at low tide

SCALE 60 FEET TO THE INCH.

THE NEW YORK PRINTING COMPANY

Bulkhead foot of Fifteenth Street,

North River.

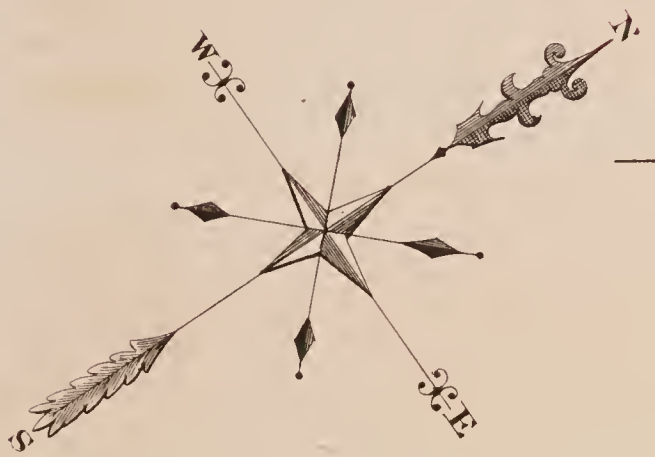
This Bulkhead has five and a half feet water at low tide. It requires a few cart-loads of stone to put it in good condition, at a cost of about $25

Present value, about $20,000

A Pier built here would be seventy-five feet long to the Pier line, and would cost about $5,500

Value of Bulkhead and Pier would be about $28,000

HUDSON RIVER



15TH St.

PLAN OF BULKHEAD FOOT OF 15TH STREET NORTH RIVER.

The dotted lines show the proposed extension of a Pier.

The red figures indicate depth of water in feet at low tide.

Scale 60 feet to the inch.

THE NEW YORK PRINTING COMPANY

Bulkhead foot of Sixteenth Street,

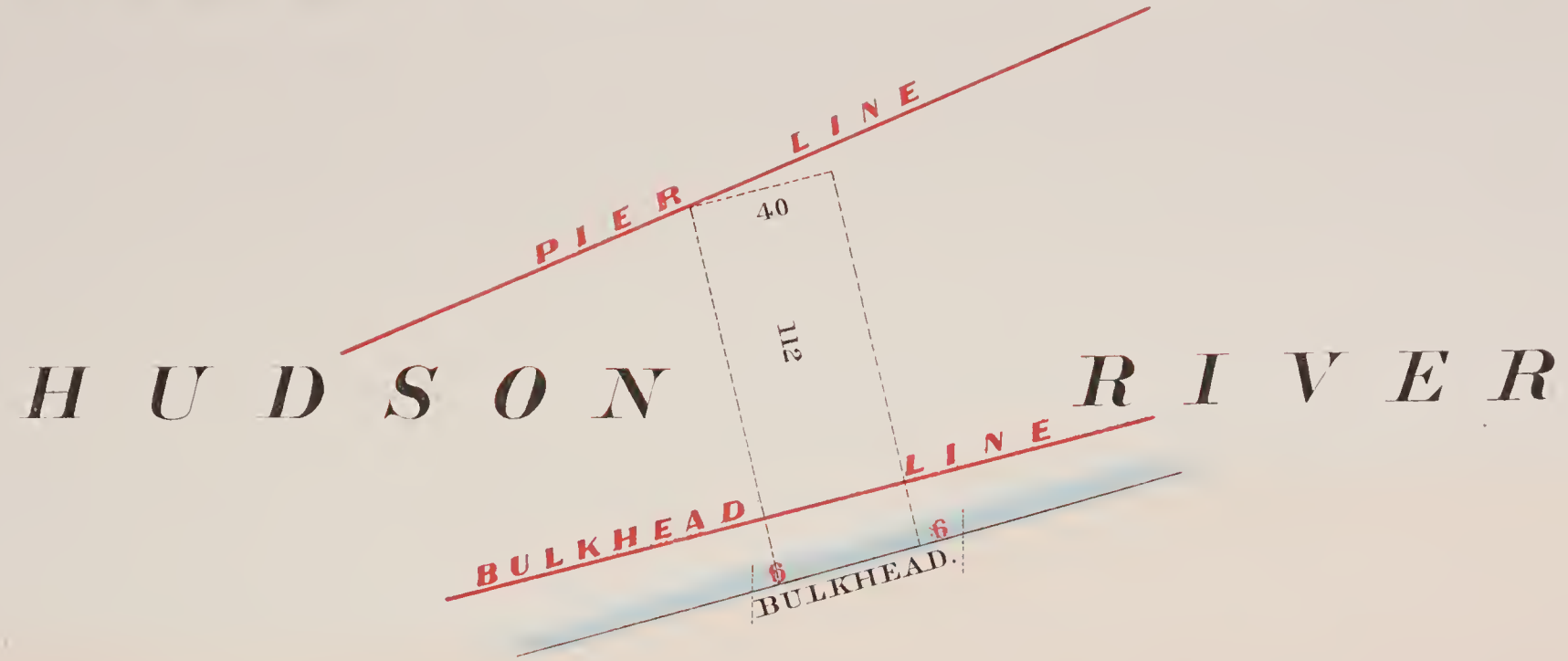
North River.

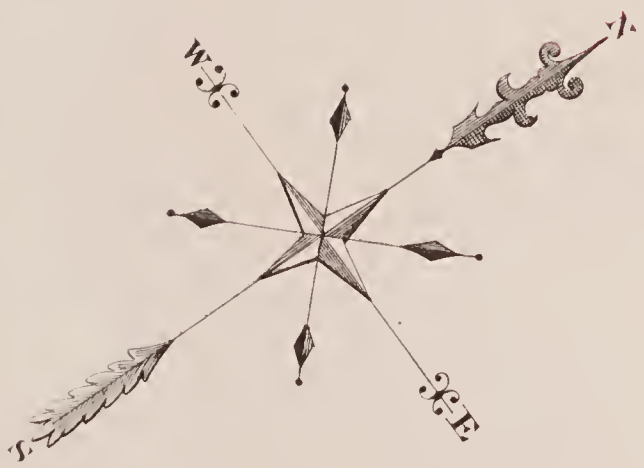
This Bulkhead has six feet of water at low tide; is in good condition.

Value, about $20,000

A Pier built here would be one hundred and twelve feet long to the Pier line, and would cost about $7,000

Value of Bulkhead and Pier when completed, about $30,000





PLAN OF BULKHEAD
FOOT OF
16TH ST.
NORTH RIVER.

The dotted lines show the proposed extension of a Pier.

The red figures indicate depth of water in feet at low tide.

16TH ST.

Scale 60 feet to the inch.

THE NEW YORK PRINTING COMPANY.

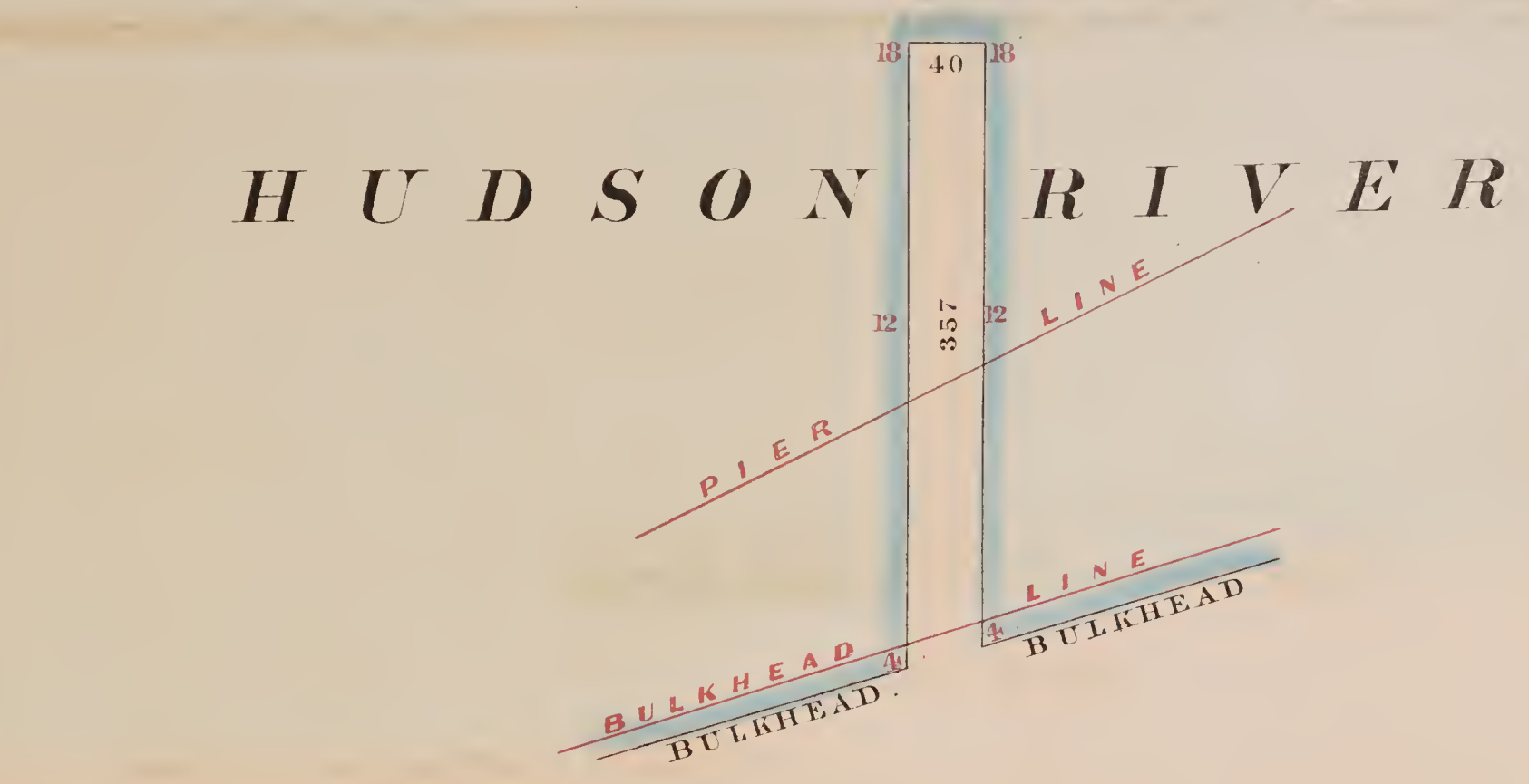
Pier foot of Seventeenth Street,

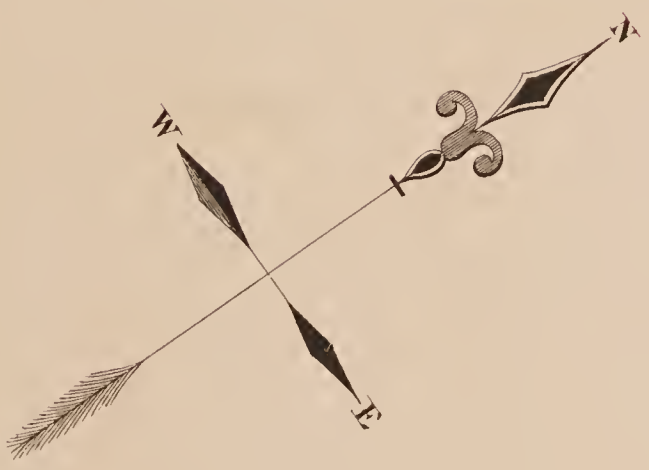
North River.

Pile Pier, except block at outer end, three hundred and fifty-seven feet long, and forty feet wide, with eighteen feet water at outer end, and four feet at inner end.

This Pier in good condition.

Value, about $60,000





The red figures indicate depth of water in feet at low tide

17TH ST.

PLAN OF PIER
FOOT OF
17TH STREET
NORTH RIVER.

Scale 120 feet to the inch.

THE NEW-YORK PRINTING COMPANY.

Pier foot of Eighteenth Street,

North River.

Pile Pier except outer block, two hundred and seventy-one feet long, and forty feet wide, with sixteen feet water at outer end, and three to six feet at inner end.

This Pier is in good condition.

Value, about $60,000

HUDSON RIVER

16 40 16

PIER LINE

12 265 279 12

BULKHEAD LINE

BULKHEAD 6 3 BULKHEAD

BULKHEAD

The red figures indicate depth of water in feet at low tide

18TH ST.

PLAN OF PIER
FOOT OF
18TH STREET
NORTH RIVER.

Scale 80 feet to the inch.

THE NEW-YORK PRINTING COMPANY

Bulkhead foot of Nineteenth Street,

North River.

This Bulkhead is bare at low tide, is in bad condition; to rebuild will cost about $2,500

Present value, about $25,000

Value when rebuilt, about $30,000

A Pier built at this place would be two hundred and forty feet long to the Pier line, giving eighteen feet of water, at a cost of about $14,000

Value of Bulkhead and Pier when built, about $50,000

PIER LINE

40

HUDSON RIVER

+15

BULKHEAD LINE

0 0

BULKHEAD.

60

THIRTEENTH AVENUE

19TH St

PLAN OF BULKHEAD FOOT OF 19TH STREET NORTH RIVER.

Scale 80 feet to the inch.

The dotted lines indicate the proposed extension of a Pier.

The red figures indicate depth of water in feet at low tide.

THE NEW-YORK PRINTING COMPANY

Pier foot of Twentieth Street,

North River.

A pile Pier, except the outer block, three hundred and one feet long and forty feet wide, has twelve to fourteen feet water at outer end, and three feet at inner end. Is in bad condition.

To rebuild and raise the Pier would cost about	$10,500
Present value of the Pier, about	$40,000
Value when rebuilt, about	$60,000

PIER LINE

12

14

Block broken down

HUDSON RIVER

8

40

8

301

BULKHEAD LINE

BULKHEAD

3

BULKHEAD.

3

BULKHEAD.

THIRTEENTH AVENUE

20TH ST.

PLAN OF PIER
FOOT OF
20TH ST.
NORTH RIVER.

Scale 80 feet to the inch.

The red figures indicate depth of water in feet at low tide

THE NEW-YORK PRINTING COMPANY

Bulkhead foot of Twenty-first Street,

North River.

This Bulkhead has three feet water at low tide. It is in good order; is seventy feet inside the Bulkhead line.

Present value, about $30,000

A Pier could be built extending to the Pier line, a distance of three hundred and four feet, having seventeen feet of water at outer end, at a cost of about $20,000

Value of Bulkhead and Pier when extended, about $50,000

PIER LINE

HUDSON RIVER

40

304

BULKHEAD LINE

BULKHEAD

3

Dumping Board

BULKHEAD.
60

THIRTEENTH AVENUE

21ST ST.

The dotted lines show the proposed extension of a Pier.
The red figures indicate depth of water in feet at low tide

PLAN OF BULKHEAD FOOT OF 21ST STREET NORTH RIVER.

Scale 80 feet to the inch.

THE NEW-YORK PRINTING COMPANY

Pier foot of Twenty-second Street,

North River.

A pile Pier, except the outer block, three hundred and three feet long, and forty feet wide, with eighteen to twenty-three feet water at outer end, and one to four feet at inner end.

Pier in good order.

Present value, about $50,000

PIER LINE

18 40 23

HUDSON RIVER

6 303 4

BULKHEAD LINE

BULKHEAD. 4

1 BULKHEAD.

THIRTEENTH AVENUE

22ND ST

PLAN OF PIER
FOOT OF
22ND STREET
NORTH RIVER.

The red figures indicate depth of water in feet at low tide.

Scale 80 feet to the inch.

THE NEW-YORK PRINTING COMPANY

Bulkhead foot of Twenty-third Street,

North River.

Bulkhead in good order.

Value, about $30,000

A Pier built at the foot of this street to the Pier line would be three hundred and twenty feet long, which would give sixteen feet of water; cost of building the Pier, about $20,000

Value of the Bulkhead and a new Pier, about $50,000

PIER LINE

40

HUDSON RIVER

320

N

W

BULKHEAD LINE

Platform on Piles

BULKHEAD
100 ft.

THIRTEENTH AVENUE

23 RD ST.

The dotted lines show the proposed extension of a Pier
The red figures indicate depth of water in feet at low tide.

PLAN OF BULKHEAD
FOOT OF
23 RD ST.
NORTH RIVER.

Scale 80 feet to the inch.

THE NEW-YORK PRINTING COMPANY

Pier foot of Twenty-eighth Street,

North River.

A pile Pier, three hundred and forty-one feet long, and forty feet wide, with six to eight feet water at outer end, and bare at inner end. This Pier is in a very bad condition. To rebuild and raise the Pier would cost $9,500

Present value, about $30,000

Value when rebuilt, about $40,000

To extend the Pier one hundred and forty feet to the Bulkhead line, which would give ten feet of water, would cost about $6,000

To extend the Pier two hundred and ninety-six feet from the Bulkhead line to the Pier line would give twenty feet of water, and cost about $19,000

Value when rebuilt and extended to the Bulkhead line, about $46,000

Value when rebuilt and extended to the Pier line, about $80,000

PIER LINE

40

HUDSON RIVER

296

BULKHEAD LINE

140

6 nearly all gone 8

all gone

40

4 4

Timbers and Planks broken and worn out.

325

0

BULKHEAD.

375

0

28TH ST.

BULKHEAD.

PLAN OF PIER
FOOT OF
28TH STREET
NORTH RIVER.

The dotted lines show the proposed extension of a Pier.
The red figures indicate depth of water in feet at low tide.

Scale 120 feet to the inch.

THE NEW YORK PRINTING COMPANY

Pier foot of Thirtieth Street,

North River.

A pile Pier, except block at outer end; six hundred and fifty-five feet long, and forty feet wide, with twenty-three to twenty-six feet water at outer end, and two feet water at inner end.

This Pier is in a very bad condition; nearly one-half has been carried away by the ice, and it should be rebuilt very strong with blocks and bridges. Cost of rebuilding, about $33,850

Present value, about $30,000

Value of Pier when rebuilt, about $80,000

PIER LINE

HUDSON RIVER

26 Block nearly all gone 23

Bridge

all

18 18

gone

BULKHEAD LINE

12 12

40

6 6

655

3 1

BULKHEAD. BULKHEAD.

30TH ST.

PLAN OF PIER
FOOT OF
30TH STREET
NORTH RIVER.

The red figures indicate depth of water in feet at low tide

Scale 120 feet to the inch.

THE NEW YORK PRINTING COMPANY

Pier foot of Thirty-fourth Street,

North River.

A pile Pier, three hundred and thirty-four feet long, and forty feet wide, with twenty-two to twenty-six feet water at outer end, and bare at inner end.

Pier in good order.

Value, about $70,000

PIER LINE

22 40 26

HUDSON RIVER

9 9

336 332

BULKHEAD LINE

0 0

BULKHEAD. BULKHEAD.

BULKHEAD.

TWELFTH AVENUE

The red figures indicate depth of water in feet at low tide.

34TH ST.

PLAN OF PIER
FOOT OF
34TH ST.
NORTH RIVER.
Scale 80 feet to the inch.

THE NEW YORK PRINTING COMPANY

Pier foot of Thirty-seventh Street,

North River.

A pile Pier except the outer block, three hundred and fifty-five feet long, and forty feet wide, with five feet water at outer end, and bare at inner end.

This Pier is in a very bad condition; will have to be thoroughly rebuilt and raised, at a cost of about $14,000

Present value, about $30,000

Value when rebuilt and raised, about $50,000

It is two hundred and fifteen feet from present Bulkhead to Bulkhead line, at which there is four feet water.

The Pier, if extended one hundred and fifty-six feet to the Pier line, would give fifteen feet of water, at a cost of about $9,000

Value of Pier when rebuilt, raised and extended, about $60,000

PIER LINE

HUDSON RIVER

40

156

5 5

40

BULKHEAD 4 4 LINE

355

3 3

Dumping Board

Block

Dumping Board

0 0

BULKHEAD. BULKHEAD.

37TH ST.

PLAN OF PIER FOOT OF 37TH ST. NORTH RIVER.

Scale 80 feet to the inch.

The dotted lines show the proposed extension of a Pier.

The red figures indicate depth of water in feet at low tide.

THE NEW YORK PRINTING COMPANY

Pier foot of Thirty-eighth Street,

North River.

A pile Pier five hundred and twenty-two feet long, and forty feet wide, with eighteen feet water at outer end, and bare at inner end; is in good order.

Value, about $70,000

PIER LINE

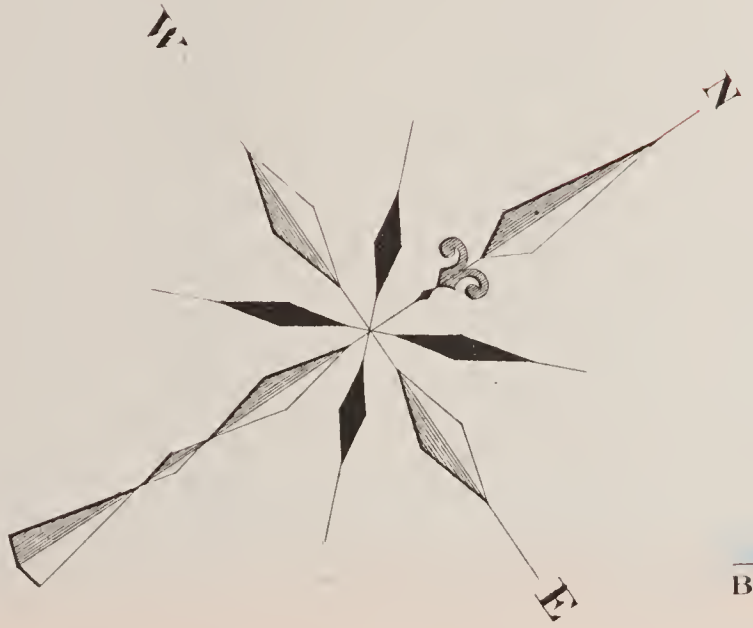
18 40 18

HUDSON RIVER

522

4 4

BULKHEAD LINE



0 0

BULKHEAD. BULKHEAD.

38TH ST.

The red figures indicate depth of water in feet at low tide.

PLAN OF PIER
FOOT OF
38TH ST.
NORTH RIVER.

Scale 80 feet to the inch.

THE NEW-YORK PRINTING COMPANY

Pier foot of Fortieth Street,

North River.

A bridge, Pier except a block at outer end; is four hundred and fifty feet long, and forty feet wide; with from nine to eleven feet water at outer end, and bare at inner end. This Pier is in bad condition, and wants to be rebuilt and raised at a cost of about $15,000

Present value, about $30,000

Value when rebuilt and raised, about $50,000

This Pier could be extended to the Pier line a distance of sixty feet, at a cost of about $4,000

The Pier so extended would have sixteen feet water at outer end, and would be worth about $60,000

PIER LINE

60

11 40 9

HUDSON RIVER

4 4

Pier settled

BULKHEAD LINE

1 1foot 1

450 450

0 0

BULKHEAD. 40TH ST. BULKHEAD.

PLAN OF PIER
FOOT OF
40TH STREET
NORTH RIVER.

Scale 80 feet to the inch.

The dotted lines show the proposed extension of a Pier.

The red figures indicate depth of water in feet at [illegible]

THE NEW YORK PRINTING COMPANY

Bulkhead foot of Forty-second Street,

North River.

Bulkhead in good repair.

Value, about $50,000

BULKHEAD LINE

HUDSON RIVER

Ferry to Weehawken

0 0 0

BULKHEAD.
100 ft.

42ND STREET

PLAN OF BULKHEAD FOOT OF 42ND STREET NORTH RIVER.

Scale 60 feet to the inch.

The red figures indicate depth of water in feet.

N.Y. PRINTING COMPANY.

Pier foot of Forty-seventh Street,

North River.

A block and bridge Pier six hundred feet long and forty feet wide, with from fifteen to eighteen feet water at outer end, and bare at inner end.

This Pier is in very bad condition, the outer block is thirty feet out of line. It will cost to place Pier on a line at outer end, and to rebuild and raise to a proper grade, about $30,000

Present value, about $55,000

Value when rebuilt and raised, about $90,000

HUDSON RIVER

PIER LINE

15 Block sunk 18

Bridge gone

Block sunk

12 15

Bridge gone

Block broken down

9 12

Dock settled 2 feet

6 9

BULKHEAD LINE

40

4 6

600

0 4

0 BULKHEAD.

0 BULKHEAD.

47TH ST.

N

W

PLAN OF PIER FOOT OF 47TH STREET NORTH RIVER.

Scale 120 feet to the inch.

The red figures indicate depth of water in feet at low tide.

THE NEW-YORK PRINTING COMPANY

Pier foot of Fifty-fifth Street,

North River.

A block and bridge Pier, three hundred feet long, and thirty-six feet wide, with from six to ten feet water at outer end, and bare from one hundred feet from outer end all the way to the foot of the street.

This Pier wants to be rebuilt and raised, at a cost of about $7,500

Present value, about $18,000

Value when rebuilt and raised, about $25,500

To extend this Pier one hundred and twenty feet to the Bulkhead line, giving fifteen feet water, would cost about $8,500

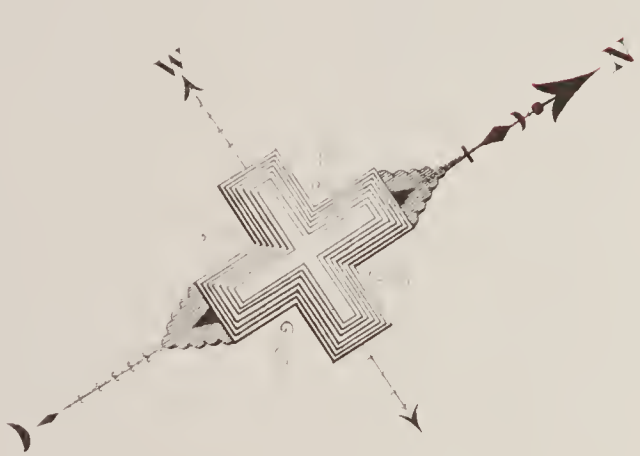
Value when rebuilt, raised and extended, about $40,000

It is hardly worth rebuilding and raising, unless extended.

PIER LINE

HUDSON RIVER

BULKHEAD LINE



PLAN OF PIER
FOOT OF
55TH ST. STREET
NORTH RIVER.

The dotted lines show the proposed extension of a Pier.
The red figures indicate depth of water in feet at low tide

55TH ST

Scale 120 feet to the inch.

NEW YORK LITH. CO. COMPANY

Pier foot of Fifty-ninth Street,

North River.

This is a block and bridge Pier, six hundred and eighty-two feet long, and forty feet wide, with from twenty to twenty-eight feet water at outer end, and no water at inner end. It wants to be thoroughly rebuilt and raised, at a cost of $25,000

Present value, about $60,000

Value when rebuilt and raised, about $85,000

PIER LINE

20 Block broken down 28

18

28

HUDSON RIVER

Bridge broken down

24 28

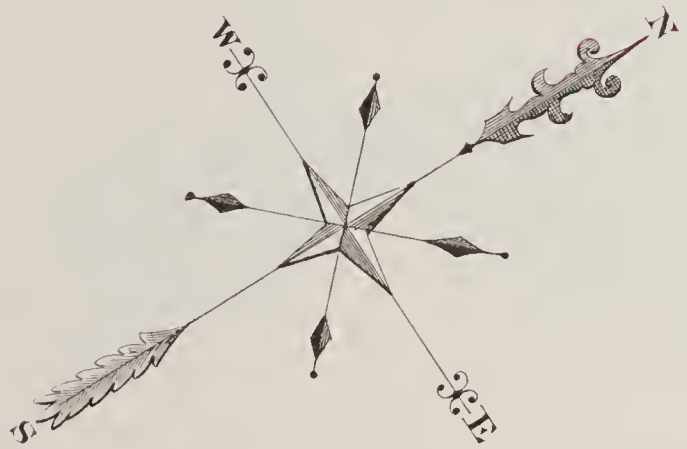
BULKHEAD LINE

16 18

40

6 682 682 12

0 0



Stone Wall. BULKHEAD.

PLAN OF PIER FOOT OF 59TH ST STREET NORTH RIVER.

TWELFTH AVENUE

59TH ST

The red figures indicate depth of water in feet at low tide

Scale 120 feet to the inch.

THE NEW YORK PRINTING COMPANY

Pier foot of Seventy-ninth Street,

North River.

Block and bridge Pier, three hundred and thirty-one feet long, forty feet wide at the outer part (which is block and bridge); width of inner part (which is solid) one hundred and two feet. Depth of water at outer end fourteen to twenty-four feet, bare at inner end.

This Pier requires to be thoroughly rebuilt and raised, at a cost of about $8,300

Present value, about $35,000

Value when rebuilt and raised, about $45,000

To extend this Pier eighty-three feet solid to the Pier line, would give twenty-four feet water, at a cost of about $15,000

Value of Pier when rebuilt, raised and extended, about $60,000

PIER LINE

HUDSON RIVER

40

83

14 broken down 24

12 Block 24

Bridge Timbers broken

8

16

40

212

212

6

40

33

29

8

BULKHEAD LINE

SOLID PIER

117

121

0

0

Stone Wall.

Stone Wall.

N.W.

N.E.

S.

TWELFTH AVENUE

PLAN OF PIER FOOT OF 79TH ST. NORTH RIVER.

79TH ST.

The dotted lines show the proposed extension of a Pier.

The red figures indicate depth of water in feet at low tide

Scale 80 feet to the inch.

THE NEW YORK PRINTING COMPANY

Piers and Bulkhead foot of One Hundred and Thirtieth and One Hundred and Thirty-first Streets, North River.

Pier at the foot of One Hundred and Thirtieth street, is a solid Pier, filled in with earth; average length sixty feet, average width ninety-eight and one-half feet, with seven to nine feet water at outer end, and bare at inner end. It is in good order.

Value of this Pier, about $25,000

This Pier might be extended to the Pier line, a distance of one hundred and fifty-eight feet, making it a solid Pier, at a cost of about $16,000

The Pier when extended will be worth about $45,000

There is a piece of property, of fifteen feet four inches, on the south side of the Pier on the line of the Bulkhead, belonging to the city, worth $5,000

Value of Bulkhead between One Hundred and Thirtieth and One Hundred and Thirty-first streets, distance of one hundred and forty-seven feet, is about $14,700

Pier at the foot of One Hundred and Thirty-first street is a solid Pier, filled in with stone and earth, wanting about forty tons of stone, and about the same quantity of earth to repair it, which will put the Pier in thorough order, at a cost of about $100

Value, about $45,000

HUDSON RIVER

PIER LINE

40

158

9 7 97 7

50

69½

0 0 0

BULKHEAD. 13.4. BULKHEAD. 90. Stone Wall. 57.

19 26 46½ 10² 28

4 204 3 4c 15 106 15

56 3 0 Stone Wall.

196

HUDSON RIVER R. R.

130TH ST.

131ST ST.

The dotted lines show the proposed extension of a Pier.

The red figures indicate depth of water in feet at low tide

Scale 80 feet to the inch.

PLAN OF PIERS FOOT OF 130TH & 131ST STREETS NORTH RIVER.

THE NEW YORK PRINTING COMPANY

Pier foot of One Hundred and Thirty-eighth Street,

North River.

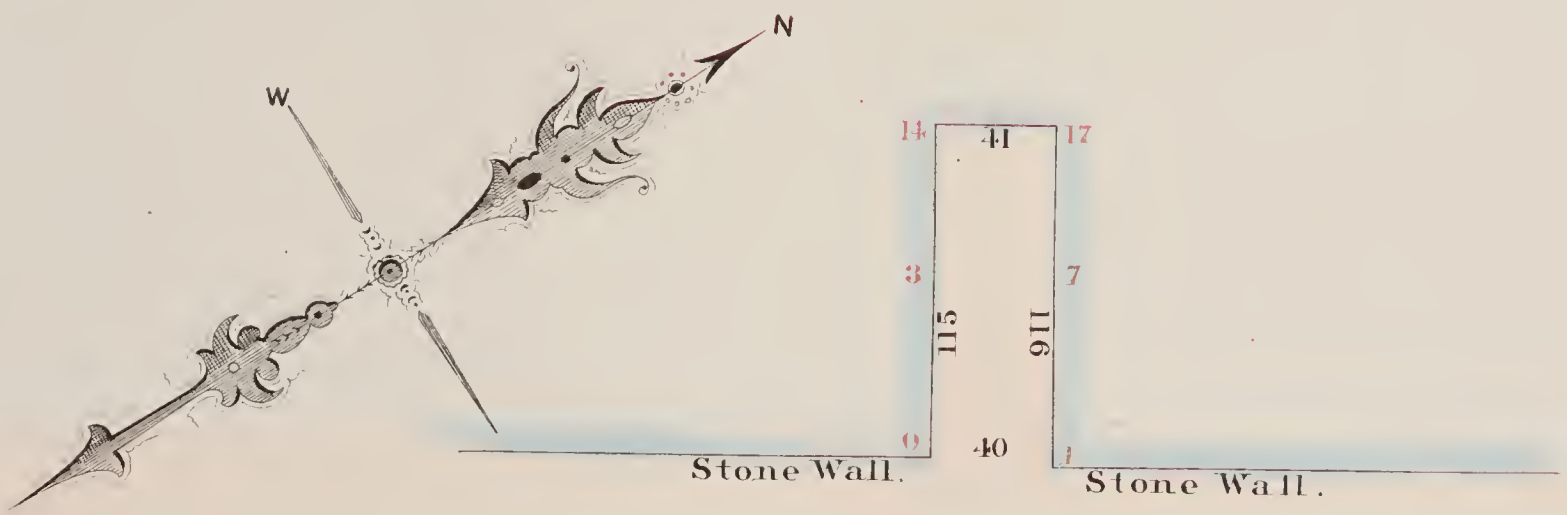
This is a solid Pier, filled in with stone and earth, one hundred and fifteen feet long, and forty-one feet wide, with an average of fifteen and one-half feet water at outer end, and nearly bare at inner end.

It is in thorough order.

Present value about $35,000

PIER LINE

HUDSON RIVER



HUDSON RIVER R. R.

138TH ST.

PLAN OF PIER
FOOT OF
138TH STREET
NORTH RIVER.

The red figures indicate depth of water in feet at low tide.

Scale 80 feet to the inch.

THE NEW-YORK PRINTING COMPANY

Pier foot of One Hundred and Fifty-fifth Street,

North River.

This is a solid Pier, average length sixty and one-half feet, average width fifty-five and one-half feet; depth of water five feet at outer end, and bare at inner end.

Wants repairs to the amount of about $730

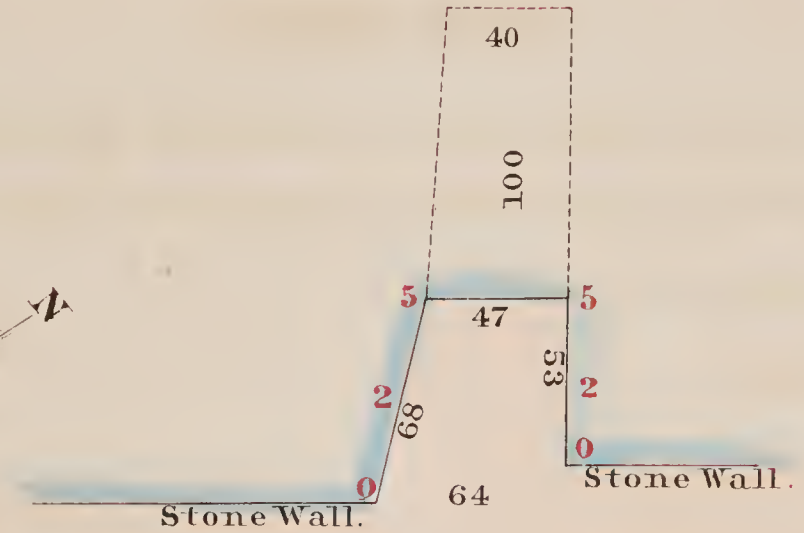
Value at present, about $10,000

If this Pier was extended one hundred feet, which would give an average depth of about fifteen feet of water, and built solid, it would cost about $10,000

Value of Pier when extended, about $25,000

PIER LINE

HUDSON RIVER



HUDSON RIVER R. R.

The dotted lines show the proposed extension of a Pier.

The red figures indicate depth of water in feet at low tide.

155TH ST

PLAN OF PIER
FOOT OF
155TH STREET
NORTH RIVER.

Scale 80 feet to the inch.

THE NEW YORK PRINTING COMPANY

LIBRARY OF CONGRESS
0 021 229 294 1